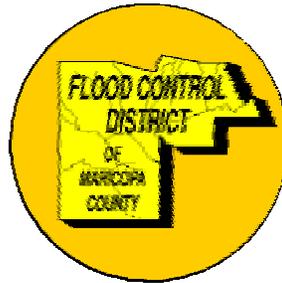




*Tiger Wash, #5163*



*Harquahala FRS, #5128*



**ANNUAL HYDROLOGIC  
DATA REPORT**

**VOLUME II  
SURFACE WATER DATA**

**WATER YEAR 2001**

## PREFACE

This publication presents the surface water data collected by the Flood Control District of Maricopa County's automated water-level gage network. This telemetered network is located primarily throughout Maricopa County, Arizona with additional gages in Yavapai, Pinal, and La Paz Counties.

The surface water data contained in this report were collected, compiled and edited by the Flood Warning Branch of the Engineering Division. Data include mean daily, total, maximum, and minimum discharges at the flow sites; mean daily, maximum, and minimum pool levels at the storage locations; and mean daily, maximum, and minimum volumes stored at the storage locations. Also included are maximum discharges, pool levels, and storage volumes for flood events of interest at each site. In addition, a few hydrographs from significant floods are also presented. Furthermore, flood flow frequency tables are included at sites where information is available either from statistical analysis of gage records or from rainfall/runoff models. These estimates of flood flow frequency do not necessarily correspond to regulatory discharges for the channel reaches near the gage sites. Always refer to official regulatory documents for such discharge information.

The information contained herein is as accurate and complete as possible within the limitations of real-time data collection technology currently available. Wherever possible, footnotes have been included to identify questionable data. Reliance upon the accuracy, reliability, and authority of this information is solely the responsibility of the user.

Revisions to any of these data for any reason will be published in the following years' reports immediately following the data for the current year for the site where the revisions have been made.

Additional copies of this report may be purchased from:

**Flood Control District of Maricopa County**  
**2801 W. Durango Street**  
**Phoenix, Arizona 85009**  
**(602) 506-1501**

or downloaded from the World Wide Web at <http://www.fcd.maricopa.gov/alert/alert.htm>.

# TABLE OF CONTENTS

Preface.....	ii
Contents.....	iii
Introduction .....	iv
Definition of Terms.....	viii
Surface Water Gage Location Map.....	xii
List of New Gage Locations in Water Year 2001 .....	xiii
List of Stations Sorted By Sensor ID#.....	xv
List of Stations Sorted By Name .....	xviii
Summary of Significant Streamflow Events.....	xxi
Surface Water Streamflow and Storage Facility Discharge Data .....	Tab 1
Pool Levels at Storage Facilities (Reservoir Depths) .....	Tab 2
Storage Volumes at Storage Facilities .....	Tab 3
Comment/Errata Sheet .....	Appendix

## INTRODUCTION

The Flood Control District of Maricopa County in cooperation with federal, state, and local agencies collects a large amount of data pertaining to surface water runoff in and around Maricopa County. These data provide a valuable resource for information not otherwise furnished by the traditional sources of this type of material. To make these data readily available to interested parties outside the Flood Control District, the data are published annually in this report entitled "Annual Hydrologic Data Report, Volume II -- Surface Water Data."

This report includes records on discharge at stream gages and at flood control storage structures, on depths at flood control storage structures, and on contents at flood control storage structures. Specifically it contains: (1) Streamflow records at 74 stream gages and 34 flood control storage structures; (2) Pool levels of stored water at 36 flood control storage structures; and (3) Storage volumes at 35 flood control storage structures where stage-storage relationships are available. Records included are only a small fraction of those obtained for each site during this water year.

Several streamflow gages are operated cooperatively between the FCDMC and the United States Geological Survey (USGS). Although real-time data for these sites are collected by the FCDMC ALERT System for the purposes of flood event monitoring, quality control for the data at these gages lies with the USGS. The official records for these sites are published in the USGS Surface Water Data Reports each water year or for current data go to <http://az.water.usgs.gov/>. The cooperative gages collected jointly for Water Year 2001 were:

<u>USGS Gage Name</u>	<u>FCDMC ID</u>	<u>USGS ID</u>
Gila River near Maricopa, AZ*	0788	09479350
Salt River at Priest Drive	4523	09512165
Cave Cr. below Cottonwood Cr.	4923	09512280
Skunk Creek near Phoenix, AZ	5568	09513860
Gila River @ Estrella Parkway	6853	09514100
Hassayampa River nr Morristown	5223	09516500
Centennial Wash at SPRR	5103	09517490

\*Gage is a cooperative between ADOT and USGS.

There are three additional continuous cooperative gages which the USGS operates, but are not ALERT equipped.

<u>Gage Site Name</u>	<u>USGS ID Number</u>
Indian Bend Wash at Curry Drive, Tempe	09512162
New River near Rock Springs	09513780
Hassayampa River near Arlington	09517000

In addition to the continuous cooperative stations, the FCDMC also cooperates with the USGS in the collection of peak discharges at a number of crest stage gage sites. The data for these crest stage gage sites are also published by the USGS in their Surface Water Data Reports each water year.

The cooperative crest stage gage sites for Water Year 2001 were:

<u>Gage Site Name</u>	<u>USGS ID</u>
Vekol Wash near Stanfield, AZ	09488650
Tortilla Creek at Tortilla Flat	09501300
Camp Creek near Sunflower	09510170
Rock Creek near Sunflower	09510180
Indian Bend Wash at Shea Blvd	09512090
Salt River Trib in South Mountain Park	09512200
Agua Fria R. Trib. No. 2	09512700
Deadman Wash near New River	09513820
Waterman Wash near Buckeye	09514200
Hartman Wash near Wickenburg	09515800
Ox Wash near Morristown	09516600
Jackrabbit Wash near Tonopah	09516800
Centennial Wash Trib. nr Wenden	09517200
Tiger Wash near Aguila	09517280
Winters Wash near Tonopah	09517400
Rainbow Wash Trib. near Buckeye	09519600
Bender Wash near Gila Bend	09519750
Sauceda Wash near Gila Bend	09519760
Military Wash near Sentinel	09520100
Crater Range Wash near Ajo	09520230
Star Wash	09516790

There are two sensors located on Corps of Engineer structures. Tat Momolikot and Whitlow Ranch Dams are monitored by the Corps of Engineers. Again, these data are collected in real-time by the FCDMC for the purpose of flood monitoring. The District will publish data for Tat Momolikot since data are no longer collected by the Corps. Please refer to the Los Angeles District office for official data for Whitlow Ranch Dam at <http://www.spl.usace.army.mil/resreg/>.

This is the eighth annual surface water report published by the District. Prior to water year 1994, surface water data collected by the FCDMC ALERT System were not quality controlled, and therefore, not published. However, there are data resident in archives prior to water year 1994 that may have value to specific individuals. Data are available back to November 1987 for some streamflow sites.

The data are collected as a depth of flow in feet (or stage). The discharge and/or contents is then obtained by applying the stage to a rating curve of stage versus discharge in cubic feet per second (cfs), or stage versus contents in acre-feet (ac-ft). The discharge rating curves have been developed at stream gages by using field surveyed cross sections in a HEC-2 or HECRAS step backwater computer model to obtain a range of stage versus discharge points to be plotted on a curve. These step backwater ratings are refined whenever possible using direct and/or indirect measurements made at or near the gage site. For flood control storage structures, discharge ratings were obtained in one of two ways. First, the design ratings may be used. In most cases however, the discharge rating curves were developed by application of the Federal Highway Administration's HY-8 computer model for culvert flow and U.S. Geological Survey methods for weir flow over the uncontrolled emergency spillways. The storage rating curves were obtained from published as-built or construction plans or developed from digital elevation data.

Daily mean discharges are computed by applying the daily mean stages (gage heights) to the stage-discharge curves or tables. The same is similarly true for storage facility contents. The minimum and maximum values are based on instantaneous readings and the volumes for discharge stations are based on accumulations of daily means. Those gages in section 2, Pool Levels at Storage Facilities, which show a continuous gage height during obvious periods of no storage, do so because the orifice to the pressure transducer is set at that gage height above or below 0.0 feet gage datum.

All data in this report have been reviewed and edited in an attempt to provide the most accurate data possible. A blank or blanks within the data set is an indication that data was lost either due to hardware, software, or radio problems, or that the gage had not yet been installed. Where possible, these data are flagged with footnotes describing the time the gage was down. In the event that published records require revision, revisions are printed in later reports. Listed in the heading for each gage where records have been revised are all the reports in which revisions have been published for the station and the water years to which the revisions apply (e.g. WY1999: WY1994-95 means that the data for Water Years 1994-1995 were revised in the report for Water Year 1999).

Comments about this report or errors discovered may be forwarded to the Flood Warning Branch using the comment/errata sheet found at the back of this document. Alternately, comments or errors may be sent via Internet e-mail from the FCDMC ALERT System Home Page or directly to [deg@mail.maricopa.gov](mailto:deg@mail.maricopa.gov).

An index of gage names, numbers, locations, and other descriptors is included following the Definition of Terms in this report.

Additional or more detailed surface water data in hard copy or computer disk format is available for the gages listed in this report. Furthermore, data is

available on the FCD ALERT internet site at [www.fcd.maricopa.gov/alert/alert.htm](http://www.fcd.maricopa.gov/alert/alert.htm). For information, contact the Flood Control District, Engineering Division, Flood Warning and Data Collection Branch at (602) 506-1501.

## DEFINITION OF TERMS

Terms related to streamflow and other hydrologic data, as used in this report are defined below.

Acre-foot (ac-ft) is the quantity of water required to cover 1 acre to a depth of 1 foot and is equivalent to 43,560 cubic feet or about 326,000 gallons or 1,233 cubic meters.

Contents is the volume of water in a reservoir or lake. Unless otherwise indicated, volume is computed on the basis of a level pool.

Control designates a feature downstream from the gage that determines the stage-discharge relation at the gage. This feature may be a natural constriction of the channel, an artificial structure, or a uniform cross section over a long reach of the channel.

Control structure as used in this report is a structure on a stream or canal that is used to regulate the flow or stage of the stream.

Cubic foot per second (cfs) is the rate of discharge representing a volume of 1 cubic foot passing a given point during 1 second and is equivalent to approximately 7.48 gallons per second or 448.8 gallons per minute or 0.02832 cubic meters per second.

Cubic foot per second-day is the volume of water represented by a flow of 1 cubic foot per second for 24 hours. It is equivalent to 86,400 cubic feet, approximately 1.9835 acre-feet, or about 646,000 gallons or 2,445 cubic meters.

Daily mean discharge is the average discharge in cfs for a 24 hour period from midnight to midnight the following day.

Discharge is the volume of water (or more broadly, total fluid plus suspended sediment), that passes a given point within a given period of time.

Drainage area of a stream at a specified location is that area, measured in a horizontal plane, enclosed by a topographic divide from which direct surface runoff from precipitation normally drains by gravity into the stream above the specified point.

Drainage basin is a part of the surface of the Earth that is occupied by a drainage system, which consists of a surface stream or body of impounded surface water, together with all tributary surface streams and bodies of impounded surface water.

El Niño is a condition where sea surface temperatures are warmer in the eastern Pacific Ocean and cooler in the western Pacific Ocean in the lower latitudes. Normal conditions of sea surface temperatures are opposite with warmer waters in the western Pacific and cooler waters in the eastern Pacific. El Niño conditions usually result in higher than normal precipitation in the southwestern United States.

Flood Elevation Frequency refers to the magnitude (in terms of depth or elevation) and probability of floods at a given flood control impoundment structure. The flood elevation frequency is usually given as a depth or elevation of impoundment associated with a given recurrence interval at a particular flood control impoundment structure.

Flood Flow Frequency refers to the magnitude (in terms of peak discharge) and probability of floods at a given gaging station. The flood flow frequency is usually given as a peak discharge associated with a given recurrence interval at a particular gaging station.

Gage datum is the elevation of the zero point of the reference gage from which gage height is determined. This elevation is established by a system of levels from known bench marks or by approximation from topographic maps or arbitrarily established to a known point such as a culvert invert elevation.

Gage height is the water-surface elevation referred to some arbitrary gage datum. Gage height is often used interchangeably with the more general term "stage," although gage height is more appropriate when used with a reading on a gage.

Gaging station is a particular site on a river, stream, canal, lake, or reservoir where systematic observations of hydrologic data are obtained.

Instantaneous discharge is the discharge at a particular instant of time.

La Niña is when above normal sea surface temperatures exist in the western Pacific Ocean and cooler than normal sea surface temperatures exist in the eastern Pacific Ocean. La Niña conditions usually result in drier than normal conditions in the southwestern United States.

Maximum Level is the highest pool level recorded or observed at a particular gaging station at a flood control impoundment structure for a given event.

Maximum Storage is the greatest volume of water stored behind or within a flood control impoundment structure for a given event. This occurs at the maximum pool level and is obtained from the stage-storage relation for that maximum level for a particular flood control impoundment structure.

Mean discharge (MEAN) is the arithmetic mean of individual daily mean discharges during a specific period.

National Geodetic Vertical Datum of 1929 (NGVD 1929) is a geodetic datum derived from a general adjustment of the first order level nets of both the United States and Canada. It was formerly called "Sea Level Datum of 1929" or "mean sea level." Although the datum was derived from the average sea level over a period of many years at 26 tide stations along the Atlantic, Gulf of Mexico, and Pacific Coasts, it does not necessarily represent local mean sea level at any particular place.

North American Vertical Datum of 1988 (NAVD 1988) is a datum based on the mass or density of the Earth instead of the varying values of the heights of the seas. Measurements of the acceleration of gravity are made at observation points in a network. Only one point is defined as the datum point. The vertical reference surface is then defined by the surface on which the gravity values are equal to the datum point value. This is called an equipotential surface.

Peak Discharge is the maximum instantaneous discharge for a given flood event.

Period of Record is the time period for which data exists for a given stream gaging station.

Pressure transducer is an instrument used to measure the depth of water. It is an analog instrument which measures a pressure change over a diaphragm. The depth of water is related to the change in pressure over the diaphragm created by the weight of the water over the instrument.

Recurrence interval is the reciprocal of the probability of a flood occurring in any given year. Thus, the flood having a 1% (1/100, or 1 in 100) chance of occurring in any given year has a recurrence interval of 100 years and is referred to as the 100-year flood. Similarly, the flood having a 50% (1/2 or 1 in 2) chance of occurring in any given year has a recurrence interval of 2 years and is referred to as the 2-year flood.

Staff gage is a device located at the gaging station to provide a visual reference to the depth of water at a gage in terms of gage height above the water level measuring instrument.

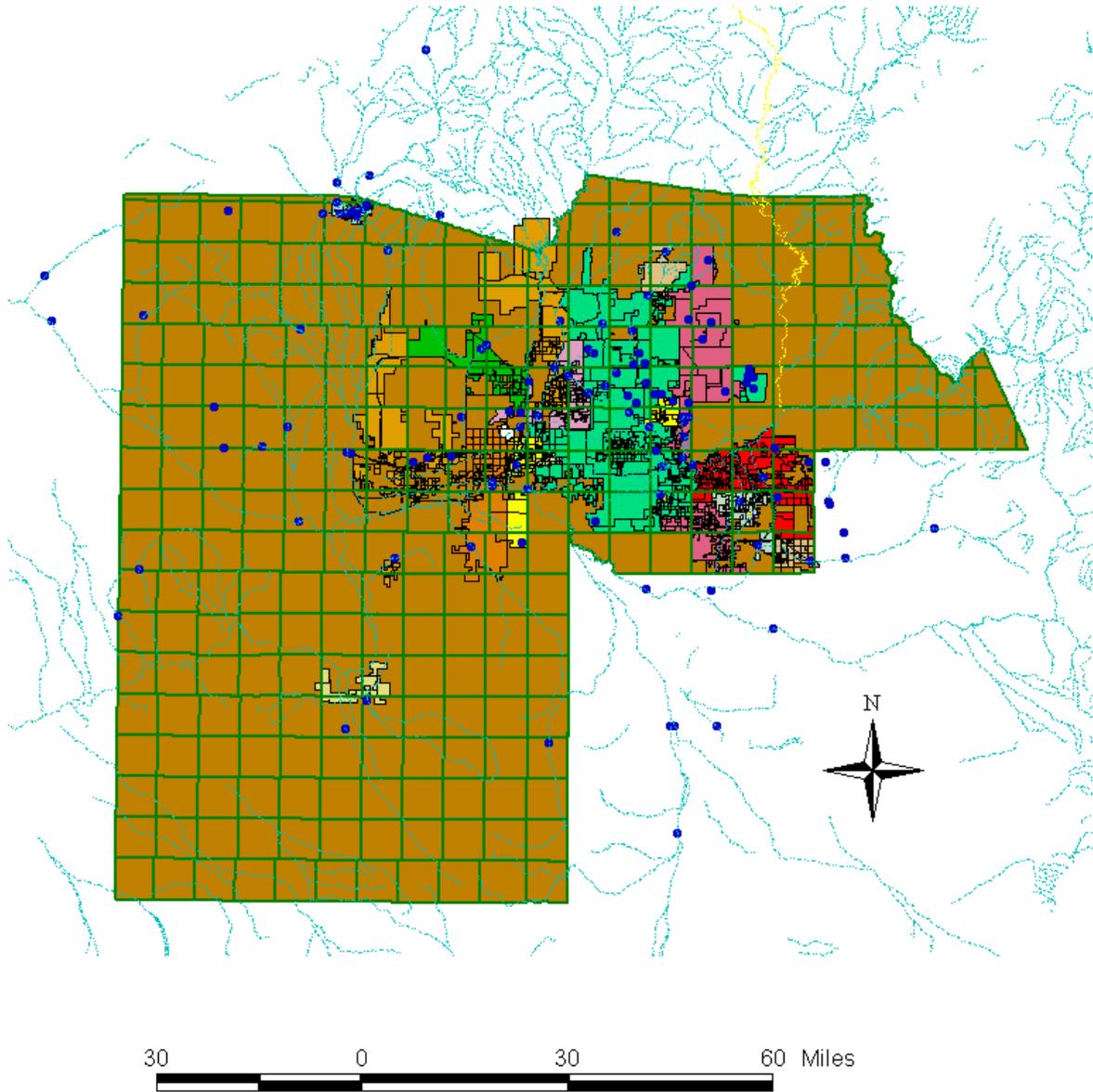
Stage-discharge relation is the relation between gage height (stage) and the volume of water, per unit of time, flowing in a channel.

Stage-storage relation is the relation between gage height (stage) and the volume of water stored behind or within a flood control impoundment structure.

Streamflow is the discharge that occurs in a natural channel. Although the term "discharge" can be applied to the flow of a canal, the word "streamflow" uniquely describes the discharge in a surface stream course. The term "streamflow" is more general than "runoff" as streamflow may be applied to discharge whether or not it is affected by diversion or regulation.

Water year dealing with surface-water data is the 12-month period, October 1 through September 30. The water year is designated by the calendar year in which it ends and which includes 9 of the 12 months. Thus, the water year beginning October 1, 2000 and ending September 30, 2001, is called the "2001 Water Year."

# FCD STAGE GAGE LOCATIONS – WY 2001



## New Installations in Water Year 2001

Ten new streamgages were installed during Water Year 2001. The table below lists the new gages installed during the Water Year.

ID #	Gage Name	Installed	T-R-S	Latitude	Longitude	Elev.	Page #s
4573	Price Drain at Loop 202	02/18/01	1N-5E-18	33 26 04	111 53 25	1215	1:11
4588	Reata Pass Wash	05/15/01	4N-5E-17	33 41 52	111 51 51	2170	1:12
4913	Stagecoach Wash	06/13/01	5N-5E-06	33 48 42	111 53 27	2550	1:40
5033	Copper Wash	02/22/01	2S-10W-33	33 12 17	113 17 07	1070	1:45
5178	Centennial Trib nr Aguila	06/05/01	7N-8W-11	33 58 02	113 04 09	2340	1:55
5218	Jackrabbit Wash	10/31/00	4N-6W-04	33 42 57	112 52 54	2130	1:58
5276	Sols Wash at SR 71	09/10/01	9N-7W-14	34 07 07	112 57 45	2740	1:64
5488	Upper Trilby Wash	09/26/01	7N-3W-12	33 57 39	112 31 43	3040	1:76
6933	Sand Tank Wash at I-8	05/31/01	6S-4W-06	32 55 59	112 42 20	775	1:120
6953	Rainbow Wash at SR 85	11/06/00	2S-4W-23	33 14 08	112 38 22	900	1:121



***Price Drain at Loop 202, #4573***



***Stagecoach Wash, #4913***



***Reata Pass Wash, #4588***



***Copper Wash, #4913***

***New installations, continued***



***Centennial Trib near Aguila, #5178***



***Upper Tribby Wash, #5488***



***Jackrabbit Wash, #5218***



***Sand Tank Wash @ I-8, #6933***



***Sols Wash at SR 71, #5276***



***Rainbow Wash, #6953***

**Flood Control District of Maricopa County**  
**ALERT System Water Level Sensors WY 2001 -- Sorted by Sensor ID**

<b>ID #</b>	<b>Gage Name</b>	<b>Installed</b>	<b>T-R-S</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Elev.</b>	<b>Page #s</b>
0773	Tat Momolikot Dam	1/21/98	9S-4E-30	32 30 46	111 57 06	1540	1:1; 2:1; 3:1
0778	Gila @ Maricopa Rd	4/9/95	3S-3E-13	33 10 19	112 00 20	1120	1:2
0783	Gila R. @ Olberg	4/12/95	4S-6E-12	33 05 15	111 41 11	1290	1:3
0788	Santa Cruz @ SR 84	3/16/94	7S-5E-21	32 52 47	111 49 43	1311	1:4-5
0793	Greene Wash @ SR 84	3/23/94	7S-4E-21	32 52 48	111 56 01	1350	1:6-7
0798	Santa Rosa @ SR 84	3/16/94	7S-4E-20	32 52 49	111 56 46	1305	1:8
4523	Salt R. @ Priest Dr.	12/7/93	1N-4E-17	33 26 00	111 57 43	1133	1:9
4563	Spookhill FRS	3/13/84	2N-7E-31	33 28 01	111 40 48	1595	1:10; 2:2; 3:2
4573	Price Drain at Loop 202	2/18/01	1N-5E-18	33 26 04	111 53 25	1215	1:11
4588	Reata Pass Wash	5/15/01	4N-5E-17	33 41 52	111 51 51	2170	1:12
4603	IBW nr McKellips Rd.	5/21/85	1N-4E-11	33 26 58	111 54 58	1187	1:13
4613	IBW @ Indian Bend Rd.	9/28/83	2N-4E-11	33 32 01	111 54 48	1280	1:14
4618	IBW @ Indian School Rd	11/25/97	2N-4E-23	33 29 42	111 54 38	1235	1:15
4623	IBW @ Interceptor	4/21/94	2N-4E-12	33 32 00	111 53 55	1280	1:16
4628	IBW @ McDonald	11/24/97	2N-4E-11	33 31 26	111 54 33	1262	1:17
4638	Tatum Wash Basin Inflow	5/6/98	3N-4E-30	33 34 54	111 59 01	1397	1:18
4643	IBW @ Sweetwater	12/27/90	3N-3E-13	33 36 15	112 00 18	1400	1:19-21
4648	East Fork CC #1	3/2/94	4N-3E-23	33 40 11	112 01 29	1515	1:22; 2:3; 3:3
4653	Tatum Wash Basin	5/8/98	3N-4E-30	33 34 57	111 58 58	1394	1:23; 2:4; 3:4
4658	East Fork CC #4	1/18/94	4N-3E-25	33 38 55	112 00 35	1456	1:24; 2:5; 3:5
4668	EFCC nr 7th Ave.	5/21/97	3N-3E-5	33 37 40	112 04 49	1325	1:25
4678	Lake Marguerite	11/25/97	3N-4E-36	33 33 49	111 53 56	1325	1:26
4683	East Fork CC #3	9/13/94	4N-3E-34	33 38 45	112 02 19	1456	1:27; 2:6; 3:6
4688	Berneil Wash	7/30/98	3N-4E-34	33 34 01	111 56 17	1320	1:28
4693	IBW @ Shea	6/9/98	3N-4E-29	33 34 55	111 58 03	1350	1:29-30
4748	Old X-cut @ McDowell	7/27/94	1N-4E-06	33 27 56	111 58 48	1250	1:31
4803	Dreamy Draw Dam	1/24/84	3N-3E-34	33 33 45	112 01 54	1407	1:32; 2:7; 3:7
4808	ACDC @ 36th St.	2/24/94	2N-3E-13	33 30 49	111 59 56	1260	1:33
4813	ACDC @ 14th St.	2/9/94	2N-3E-4	33 32 31	112 02 35	1230	1:34
4818	10th Street Wash Basin #1	11/26/96	3N-3E-28	33 34 47	112 03 14	1150	1:35; 2:8; 3:8
4823	ACDC @ 43rd Ave.	11/14/90	3N-2E-22	33 35 03	112 09 16	1225	1:36
4833	Cave Creek @ Cactus	6/27/91	3N-2E-13	33 35 59	112 06 39	1280	1:37
4863	Rawhide Wash	7/26/99	5N-4E-36	33 44 27	111 53 55	2205	1:38
4899	Cave Buttes Pool	1/25/84	4N-3E-15	33 42 58	112 02 43	1649	2:9; 3:9
4903	Cave Buttes Outlet	1/25/84	4N-3E-15	33 42 58	112 02 43	1649	1:39
4913	Stagecoach Wash	6/13/01	5N-5E-06	33 48 42	111 53 27	2550	1:40
4918	Cave Cr. nr Cave Cr.	5/27/94	5N-3E-12	33 47 28	112 00 05	1800	1:41-42
4923	Cave Cr. @ Spur Cross	6/16/93	6N-4E-04	33 53 05	111 57 17	2280	1:43
5013	Columbus Wash	9/22/99	4S-10W-06	33 06 27	113 19 57	685	1:44
5033	Copper Wash	2/22/01	2S-10W-33	33 12 17	113 17 07	1070	1:45
5093	Centennial @ Wenden	9/16/98	6N-12W-32	33 49 30	113 31 55	1860	1:46-47
5103	Centennial Railroad	2/9/90	1S-6W-28	33 18 35	112 52 56	850	1:48
5108	Delaney Wash	12/21/99	2N-7W-34	33 28 11	112 58 30	1110	1:49
5113	Saddleback FRS	12/16/88	2N-10W-34	33 27 55	113 04 21	1177	1:50; 2:11; 3:10
5118	Winters Wash	7/11/00	2N-6W-18	33 30 33	112 54 44	1125	1:51

**Flood Control District of Maricopa County**  
**ALERT System Water Level Sensors WY 2001 -- Sorted by Sensor ID**

ID #	Gage Name	Installed	T-R-S	Latitude	Longitude	Elev.	Page #s
5128	Harquahala FRS	3/1/94	2N-8W-05	33 32 56	113 05 47	1420	1:52; 2:11; 3:11
5163	Tiger Wash	9/15/99	5N-10W-26	33 45 30	113 16 43	1960	1:53-54
5178	Centennial Trib nr Aguila	6/5/01	7N-8W-11	33 58 02	113 04 09	2340	1:55
5203	Buckeye FRS #1	7/26/83	1N-5W-3	33 27 31	112 45 02	1097	1:56; 2:12; 3:12
5208	Buckeye FRS #2	11/11/92	1N-3W-07	33 26 26	112 35 47	1150	1:57; 2:13; 3:13
5218	Jackrabbit Wash	10/31/00	4N-6W-04	33 42 57	112 52 54	2130	1:58
5223	Hassy R. nr Morristown	5/7/96	6N-4W-03	33 53 05	112 39 42	1830	1:59
5228	Hassy R. @ US 60	3/14/94	7N-5W-12	33 58 13	112 43 31	2035	1:60-61
5233	Sunset FRS	2/12/89	7N-5W-11	33 57 50	112 44 33	2100	1:62; 2:14; 3:14
5248	Sunnycove FRS	7/31/86	7N-5W-11	33 57 25	112 44 24	2200	1:63; 2:15; 3:15
5276	Sols Wash at SR 71	9/10/01	9N-7W-14	34 07 07	112 57 45	2740	1:64
5283	Hassy R. @ I-10	11/9/94	1N-5W-03	33 27 27	112 45 43	1035	1:65
5308	Hassy R. @ Box Canyon	11/17/83	8N-4W-7	34 02 41	112 42 32	2245	1:66-67
5353	Hassy R. @ Wagoner Rd.	9/26/91	11N-3W-9	34 18 38	112 34 05	3785	1:68
5403	Agua Fria @ Buckeye	10/12/88	1N-1W-14	33 26 05	112 19 55	940	1:69
5408	Colter @ El Mirage	6/29/94	2N-1W-13	33 30 28	112 19 24	1025	1:70
5413	Dysart Drain @ LAFB	8/22/96	2N-1W-03	33 32 38	112 20 59	1090	1:71
5418	White Tanks 3	3/12/86	2N-2W-9	33 32 01	112 28 14	1190	1:72; 2:16; 3:16
5422	Dysart Chnl @ El Mirage	3/7/97	2N-1W-1	33 32 36	112 19 24	1023	1:73
5438	McMicken Floodway	9/3/92	4N-1E-18	33 41 04	112 24 24	1337	1:74
5448	McMicken Dam	3/24/83	4N-2W-24	33 40 38	112 25 23	1361	1:75; 2:17; 3:17
5488	Upper Trilby Wash	9/26/01	7N-3W-12	33 57 39	112 31 43	3040	1:76
5503	Agua Fria @ Grand Ave.	4/27/94	3N-1E-18	33 36 26	112 18 16	1125	1:77-78
5508	New River @ Glendale	3/21/90	3N-1E-8	33 32 14	112 17 00	1050	1:79-80
5523	ACDC @ 67th Ave.	6/7/90	3N-1E-12	33 37 26	112 12 10	1220	1:81
5534	Adobe Dam Pool	10/28/82	4N-2E-21	33 40 37	112 09 12	1413	2:18; 3:18
5538	Adobe Dam Outlet	10/28/82	4N-2E-21	33 40 37	112 09 12	1413	1:82-83
5543	Scatter Wash	9/18/96	4N-2E-27	33 40 09	112 08 25	1340	1:84
5568	Skunk Creek @ I-17	10/26/89	5N-2E-35	33 43 47	112 07 21	1475	1:85
5588	Skunk Cr. nr New R.	6/21/95	7N-3E-29	33 55 34	112 04 56	1854	1:86-87
5598	New River @ Bell Rd.	4/4/90	3N-1E-3	33 38 18	112 14 27	1200	1:88
5609	New River Pool	4/15/86	5N-1E-35	33 44 09	112 13 31	1498	2:19; 3:19
5613	New River Outlet	4/15/86	5N-1E-35	33 44 09	112 13 31	1498	1:89
5968	Stoneridge Dam	12/11/96	3N-6E-22	33 35 41	111 43 57	1710	1:90; 2:20; 3:20
5973	Sunridge Canyon Dam	2/4/97	3N-6E-16	33 36 23	111 45 01	1932	1:91; 2:21; 3:21
5978	Golden Eagle Park Dam	12/12/96	3N-6E-10	33 37 08	111 44 04	1722	1:92; 2:22; 3:22
5983	North Heights Dam	10/11/96	3N-6E-9	33 37 17	111 44 52	1819	1:93; 2:23; 3:23
5988	Aspen Dam	1/2/97	3N-6E-4	33 37 34	111 44 41	1840	1:94; 2:24; 3:24
5993	Hesperus Dam	12/18/96	3N-6E-4	33 38 11	111 44 44	1894	1:95; 2:25; 3:25
6503	Guadalupe FRS	6/29/89	1S-4E-5	33 22 16	111 58 10	1250	1:96; 2:26; 3:26
6563	South Mountain Fan	6/9/93	1S-2E-26	33 18 56	112 07 59	1420	1:97
6573	EMF @ Broadway	8/10/89	1N-6E-26	33 24 21	111 42 42	1349	1:98
6583	EMF @ Queen Creek Rd.	1/18/89	2S-6E-15	33 15 50	111 43 35	1317	1:99-100
6598	EMF @ Arizona Ave.	2/10/89	3S-5E-15	33 09 57	111 49 56	1214	1:101
6603	Guadalupe Channel	8/07/98	1S-7E-6	33 21 55	111 40 32	1345	1:102
6608	Freestone Park Basin	12/19/95	1S-6E-8	33 21 28	111 46 19	1450	2:27; 3:27

**Flood Control District of Maricopa County**  
**ALERT System Water Level Sensors WY 2001 -- Sorted by Sensor ID**

<b>ID #</b>	<b>Gage Name</b>	<b>Installed</b>	<b>T-R-S</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Elev.</b>	<b>Page #s</b>
6623	Crossroads Park Basin	12/18/95	1S-6E-21	33 19 39	111 44 40	1270	2:28; 3:28
6628	Signal Butte FRS	11/10/87	1N-7E-12	33 26 25	111 35 25	1650	1:103; 2:29; 3:29
6673	Apache Junction FRS	12/16/81	1N-8E-8	33 26 28	111 33 07	1989	1:104; 2:30; 3:30
6683	Powerline FRS	12/3/92	1S-8E-9	33 21 22	111 32 14	1580	1:105; 2:31; 3:31
6688	Vineyard FRS	11/2/83	1S-8E-9	33 21 10	111 32 06	1582	1:106; 2:32; 3:32
6703	Rittenhouse FRS	9/27/88	2S-8E-2	33 17 22	111 29 49	1580	1:107; 2:33; 3:33
6707	Queen Ck @ Rittenhouse	9/14/93	2S-7E-25	33 13 50	111 35 41	1400	1:108
6723	Queen Creek at CAP	1/14/99	2S-8E-26	33 12 22	111 30 15	1565	1:109
6739	Whitlow Ranch Dam	1/8/98	1S-10E-36	33 17 55	111 16 35	2199	1:110; 2:34; 3:34
6813	Buckeye FRS #3	11/23/92	1N-3W-10	33 26 49	112 33 20	1200	1:111; 2:35; 3:35
6823	White Tanks 4	1/9/86	1N-2W-5	33 27 04	112 29 40	1044	1:112; 2:36; 3:36
6833	Waterman at Rainbow	3/18/99	2S-2W-14	33 15 40	112 26 38	1085	1:113-114
6848	Gila @ 116th Ave.	12/16/98	1N-1W-36	33 23 24	112 18 28	940	1:115
6853	Gila @ Estrella Pkwy.	12/2/92	1N-1W-31	33 23 19	112 23 33	900	1:116
6863	Bullard Wash	3/30/00	1N-1W-29	33 23 47	112 23 16	920	1:117
6893	Estrella Fan	4/30/93	2S-1W-12	33 16 02	112 18 53	1425	1:118
6923	Sauceda Wash	2/28/90	6S-5W-4	32 52 27	112 44 57	726	1:119
6933	Sand Tank Wash at I-8	5/31/01	6S-4W-06	32 55 59	112 42 20	775	1:120
6953	Rainbow Wash at SR 85	11/06/00	2S-4W-23	33 14 08	112 38 22	900	1:121
6983	Vekol Wash	3/7/90	7S-1E-3	32 50 30	112 14 58	1720	1:122
7013	Martinez Creek	11/23/94	8N-5W-17	34 01 44	112 47 30	2300	1:123-124
7043	Sols Wash nr Matthie	8/4/95	8N-5W-32	33 59 14	112 47 33	2220	1:125-126
7063	Hartman Wash	7/6/94	7N-5W-12	33 57 45	112 49 42	2488	1:127-128
7083	Flying E Wash	7/12/94	7N-5W-09	33 57 44	112 46 55	2302	1:129
7093	Casandro Wash	7/12/94	7N-5W-10	33 57 44	112 45 55	2240	1:130
7113	Powder House Wash	5/18/95	7N-4W-06	33 58 50	112 42 59	2120	1:131-132
7133	Casandro Dam	8/15/96	7N-5W-11	33 57 57	112 45 01	2163	1:133; 2:37; 3:37

**Flood Control District of Maricopa County**  
**ALERT System Water Level Sensors WY 2001 – Sorted by Name**

ID #	Gage Name	Installed	T-R-S	Latitude	Longitude	Elev.	Page #s
4818	10th Street Wash Basin #1	11/26/96	3N-3E-28	33 34 47	112 03 14	1150	1:35; 2:8, 3:8
4813	ACDC @ 14th St.	2/9/94	2N-3E-4	33 32 31	112 02 35	1230	1:34
4808	ACDC @ 36th St.	2/24/94	2N-3E-13	33 30 49	111 59 56	1260	1:33
4823	ACDC @ 43rd Ave.	11/14/90	3N-2E-22	33 35 03	112 09 16	1225	1:36
5523	ACDC @ 67th Ave.	6/7/90	3N-1E-12	33 37 26	112 12 10	1220	1:81
5538	Adobe Dam Outlet	10/28/82	4N-2E-21	33 40 37	112 09 12	1413	1:82-83
5534	Adobe Dam Pool	10/28/82	4N-2E-21	33 40 37	112 09 12	1413	2:18; 3:18
5403	Agua Fria @ Buckeye	10/12/88	1N-1W-14	33 26 05	112 19 55	940	1:69
5503	Agua Fria @ Grand Ave.	4/27/94	3N-1E-18	33 36 26	112 18 16	1125	1:77-78
6673	Apache Junction FRS	12/16/81	1N-8E-8	33 26 28	111 33 07	1989	1:104; 2:30; 3:30
5988	Aspen Dam	1/2/97	3N-6E-4	33 37 34	111 44 41	1840	1:94; 2:24; 3:24
4688	Berneil Wash	7/30/98	3N-4E-34	33 34 01	111 56 17	1320	1:28
5203	Buckeye FRS #1	7/26/83	1N-5W-3	33 27 31	112 45 02	1097	1:56; 2:12; 3:12
5208	Buckeye FRS #2	11/11/92	1N-3W-07	33 26 26	112 35 47	1150	1:57; 2:13; 3:13
6813	Buckeye FRS #3	11/23/92	1N-3W-10	33 26 49	112 33 20	1200	1:111; 2:35; 3:35
6863	Bullard Wash	3/30/00	1N-1W-29	33 23 47	112 23 16	920	1:117
7133	Casandro Dam	8/15/96	7N-5W-11	33 57 57	112 45 01	2163	1:133; 2:37; 3:37
7093	Casandro Wash	7/12/94	7N-5W-10	33 57 44	112 45 55	2240	1:130
4903	Cave Buttes Outlet	1/25/84	4N-3E-15	33 42 58	112 02 43	1649	1:39
4899	Cave Buttes Pool	1/25/84	4N-3E-15	33 42 58	112 02 43	1649	2:9; 3:9
4918	Cave Cr. nr Cave Cr.	5/27/94	5N-3E-12	33 47 28	112 00 05	1800	1:41-42
4923	Cave Cr. @ Spur Cross	6/16/93	6N-4E-04	33 53 05	111 57 17	2280	1:43
4833	Cave Creek @ Cactus	6/27/91	3N-2E-13	33 35 59	112 06 39	1280	1:37
5178	Centennial Trib nr Aguila	6/5/01	7N-8W-11	33 58 02	113 04 09	2340	1:55
5093	Centennial @ Wenden	9/16/98	6N-12W-32	33 49 30	113 31 55	1860	1:46-47
5103	Centennial Railroad	2/9/90	1S-6W-28	33 18 35	112 52 56	850	1:48
5408	Colter @ El Mirage	6/29/94	2N-1W-13	33 30 28	112 19 24	1025	1:73
5013	Columbus Wash	9/22/99	4S-10W-06	33 06 27	113 19 57	685	1:44
5033	Copper Wash	2/22/01	2S-10W-33	33 12 17	113 17 07	1070	1:45
6623	Crossroads Park Basin	12/18/95	1S-6E-21	33 19 39	111 44 40	1270	2:28; 3:28
5118	Delaney Wash	12/21/99	2N-7W-34	33 28 11	112 58 30	1110	1:51
4803	Dreamy Draw Dam	1/24/84	3N-3E-34	33 33 45	112 01 54	1407	1:32; 2:7; 3:7
5422	Dysart Chnl @ El Mirage	3/7/97	2N-1W-1	33 32 36	112 19 24	1023	1:73
5413	Dysart Drain @ LAFB	8/22/96	2N-1W-03	33 32 38	112 20 59	1090	1:71
4648	East Fork CC #1	3/2/94	4N-3E-23	33 40 11	112 01 29	1515	1:22; 2:3; 3:3
4683	East Fork CC #3	9/13/94	4N-3E-34	33 38 45	112 02 19	1456	1:27; 2:6; 3:6
4658	East Fork CC #4	1/18/94	4N-3E-25	33 38 55	112 00 35	1456	1:24; 2:5; 3:5
4668	EFCC nr 7th Ave.	5/21/97	3N-3E-5	33 37 40	112 04 49	1325	1:25
6598	EMF @ Arizona Ave.	2/10/89	3S-5E-15	33 09 57	111 49 56	1214	1:101
6573	EMF @ Broadway	8/10/89	1N-6E-26	33 24 21	111 42 42	1349	1:98
6583	EMF @ Queen Creek Rd.	1/18/89	2S-6E-15	33 15 50	111 43 35	1317	1:99-100
6893	Estrella Fan	4/30/93	2S-1W-12	33 16 02	112 18 53	1425	1:118
7083	Flying E Wash	7/12/94	7N-5W-09	33 57 44	112 46 55	2302	1:129
6608	Freestone Park Basin	12/19/95	1S-6E-8	33 21 28	111 46 19	1450	2:27; 3:27
6848	Gila @ 116th Ave.	12/16/98	1N-1W-36	33 23 24	112 18 28	940	1:115

**Flood Control District of Maricopa County**  
**ALERT System Water Level Sensors WY 2001 – Sorted by Name**

ID #	Gage Name	Installed	T-R-S	Latitude	Longitude	Elev.	Page #s
6853	Gila @ Estrella Pkwy.	12/2/92	1N-1W-31	33 23 19	112 23 33	900	1:116
0778	Gila @ Maricopa Rd	4/9/95	3S-3E-13	33 10 19	112 00 20	1120	1:2
0783	Gila R. @ Olberg	4/12/95	4S-6E-12	33 05 15	111 41 11	1290	1:3
5978	Golden Eagle Park Dam	12/12/96	3N-6E-10	33 37 08	111 44 04	1722	1:92; 2:22; 3:22
0793	Greene Wash @ SR 84	3/23/94	7S-4E-21	32 52 48	111 56 01	1350	1:6-7
6603	Guadalupe Channel	8/07/98	1S-7E-6	33 21 55	111 40 32	1345	1:102
6503	Guadalupe FRS	6/29/89	1S-4E-5	33 22 16	111 58 10	1250	1:96; 2:26; 3:26
5128	Harquahala FRS	3/1/94	2N-8W-05	33 32 56	113 05 47	1420	1:52; 2:11; 3:11
7063	Hartman Wash	7/6/94	7N-5W-12	33 57 45	112 49 42	2488	1:127-128
5308	Hassy R. @ Box Canyon	11/17/83	8N-4W-7	34 02 41	112 42 32	2245	1:66-67
5283	Hassy R. @ I-10	11/9/94	1N-5W-03	33 27 27	112 45 43	1035	1:65
5228	Hassy R. @ US 60	3/14/94	7N-5W-12	33 58 13	112 43 31	2035	1:60-61
5353	Hassy R. @ Wagoner Rd.	9/26/91	11N-3W-9	34 18 38	112 34 05	3785	1:68
5223	Hassy R. nr Morristown	5/7/96	6N-4W-03	33 53 05	112 39 42	1830	1:59
5993	Hesperus Dam	12/18/96	3N-6E-4	33 38 11	111 44 44	1894	1:95; 2:25; 3:25
4613	IBW @ Indian Bend Rd.	9/28/83	2N-4E-11	33 32 01	111 54 48	1280	1:14
4618	IBW @ Indian School Rd	11/25/97	2N-4E-23	33 29 42	111 54 38	1235	1:15
4623	IBW @ Interceptor	4/21/94	2N-4E-12	33 32 00	111 53 55	1280	1:16
4628	IBW @ McDonald	11/24/97	2N-4E-11	33 31 26	111 54 33	1262	1:17
4693	IBW @ Shea	6/9/98	3N-4E-29	33 34 55	111 58 03	1350	1:29-30
4643	IBW @ Sweetwater	12/27/90	3N-3E-13	33 36 15	112 00 18	1400	1:19-21
4603	IBW nr McKellips Rd.	5/21/85	1N-4E-11	33 26 58	111 54 58	1187	1:13
5218	Jackrabbit Wash	10/31/00	4N-6W-04	33 42 57	112 52 54	2130	1:58
4678	Lake Marguerite	11/25/97	3N-4E-36	33 33 49	111 53 56	1325	1:26
7013	Martinez Creek	11/23/94	8N-5W-17	34 01 44	112 47 30	2300	1:123-124
5448	McMicken Dam	3/24/83	4N-2W-24	33 40 38	112 25 23	1361	1:75; 2:17; 3:17
5438	McMicken Floodway	9/3/92	4N-1E-18	33 41 04	112 24 24	1337	1:74
5598	New River @ Bell Rd.	4/4/90	3N-1E-3	33 38 18	112 14 27	1200	1:88
5508	New River @ Glendale	3/21/90	3N-1E-8	33 32 14	112 17 00	1050	1:79-80
5613	New River Outlet	4/15/86	5N-1E-35	33 44 09	112 13 31	1498	1:89
5609	New River Pool	4/15/86	5N-1E-35	33 44 09	112 13 31	1498	2:19; 3:19
5983	North Heights Dam	10/11/96	3N-6E-9	33 37 17	111 44 52	1819	1:93; 2:23; 3:23
4748	Old X-cut @ McDowell	7/27/94	1N-4E-06	33 27 56	111 58 48	1250	1:31
7113	Powder House Wash	5/18/95	7N-4W-06	33 58 50	112 42 59	2120	1:131-132
6683	Powerline FRS	12/3/92	1S-8E-9	33 21 22	111 32 14	1580	1:105; 2:31; 3:31
4573	Price Drain at Loop 202	2/18/01	1N-5E-18	33 26 04	111 53 25	1215	1:11
6707	Queen Ck @ Rittenhouse	9/14/93	2S-7E-25	33 13 50	111 35 41	1400	1:108
6723	Queen Creek at CAP	1/14/99	2S-8E-26	33 12 22	111 30 15	1565	1:109
6953	Rainbow Wash at SR 85	11/06/00	2S-4W-23	33 14 08	112 38 22	900	1:121
4863	Rawhide Wash	7/26/99	5N-4E-36	33 44 27	111 53 55	2205	1:38
4588	Reata Pass Wash	5/15/01	4N-5E-17	33 41 52	111 51 51	2170	1:12
6703	Rittenhouse FRS	9/27/88	2S-8E-2	33 17 22	111 29 49	1580	1:107; 2:33; 3:33
5113	Saddleback FRS	12/16/88	2N-10W-34	33 27 55	113 04 21	1177	1:50; 2:10; 3:10
4523	Salt R. @ Priest Dr.	12/7/93	1N-4E-17	33 26 00	111 57 43	1133	1:9
6933	Sand Tank Wash at I-8	5/31/01	6S-4W-06	32 55 59	112 42 20	775	1:120

**Flood Control District of Maricopa County**  
**ALERT System Water Level Sensors WY 2001 – Sorted by Name**

<b>ID #</b>	<b>Gage Name</b>	<b>Installed</b>	<b>T-R-S</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Elev.</b>	<b>Page #s</b>
0788	Santa Cruz @ SR 84	3/16/94	7S-5E-21	32 52 47	111 49 43	1311	1:4-5
0798	Santa Rosa @ SR 84	3/16/94	7S-4E-20	32 52 49	111 56 46	1305	1:8
6923	Sauceda Wash	2/28/90	6S-5W-4	32 52 27	112 44 57	726	1:119
5543	Scatter Wash	9/18/96	4N-2E-27	33 40 09	112 08 25	1340	1:84
6628	Signal Butte FRS	11/10/87	1N-7E-12	33 26 25	111 35 25	1650	1:103; 2:29; 3:29
5588	Skunk Cr. nr New R.	6/21/95	7N-3E-29	33 55 34	112 04 56	1854	1:86-87
5568	Skunk Creek @ I-17	10/26/89	5N-2E-35	33 43 47	112 07 21	1475	1:85
5276	Sols Wash at SR 71	9/10/01	9N-7W-14	34 07 07	112 57 45	2740	1:64
7043	Sols Wash nr Matthie	8/4/95	8N-5W-32	33 59 14	112 47 33	2220	1:125-126
6563	South Mountain Fan	6/9/93	1S-2E-26	33 18 56	112 07 59	1420	1:97
4563	Spookhill FRS	3/13/84	2N-7E-31	33 28 01	111 40 48	1595	1:10; 2:2; 3:2
4913	Stagecoach Wash	6/13/01	5N-5E-06	33 48 42	111 53 27	2550	1:40
5968	Stoneridge Dam	12/11/96	3N-6E-22	33 35 41	111 43 57	1710	1:90; 2:20; 3:20
5248	Sunnycove FRS	7/31/86	7N-5W-11	33 57 25	112 44 24	2200	1:63; 2:15; 3:15
5973	Sunridge Canyon Dam	2/4/97	3N-6E-16	33 36 23	111 45 01	1932	1:91; 2:21; 3:21
5233	Sunset FRS	2/12/89	7N-5W-11	33 57 50	112 44 33	2100	1:62; 2:14; 3:14
0773	Tat Momolikot Dam	1/21/98	9S-4E-30	32 30 46	111 57 06	1540	1:1; 2:1; 3:1
4653	Tatum Wash Basin	5/8/98	3N-4E-30	33 34 57	111 58 58	1394	1:23; 2:4, 3:4
4638	Tatum Wash Basin Inflow	5/6/98	3N-4E-30	33 34 54	111 59 01	1397	1:18
5163	Tiger Wash	9/15/99	5N-10W-26	33 45 30	113 16 43	1960	1:53-54
5488	Upper Trilby Wash	9/26/01	7N-3W-12	33 57 39	112 31 43	3040	1:76
6983	Vekol Wash	3/7/90	7S-1E-3	32 50 30	112 14 58	1720	1:122
6688	Vineyard FRS	11/2/83	1S-8E-9	33 21 10	111 32 06	1582	1:106; 2:32; 3:32
6833	Waterman at Rainbow	3/18/99	2S-2W-14	33 15 40	112 26 38	1085	1:113-114
5418	White Tanks 3	3/12/86	2N-2W-9	33 32 01	112 28 14	1190	1:72; 2:16; 3:16
6823	White Tanks 4	1/9/86	1N-2W-5	33 27 04	112 29 40	1044	1:112; 2:36; 3:36
6739	Whitlow Ranch Dam	1/8/98	1S-10E-36	33 17 55	111 16 35	2199	1:110; 2:34; 3:34
5118	Winters Wash	7/11/00	2N-6W-18	33 30 33	112 54 44	1125	1:51

## SUMMARY OF SIGNIFICANT STREAMFLOW EVENTS

Water Year 2001 began with a very wet October and early November. The remaining part of the winter season was peppered with some moderate weather events in late January, early March and early April. Rainfall during the summer monsoon season was generally insignificant, with a few isolated heavy rain producers.

The winter season began with much heavy precipitation and consequent flooding. An event in the northern part of the Phoenix area occurred on October 10 that produced some flows in Indian Bend Wash. This was followed by a cold system from the north combined with a surge of tropical moisture to bring significant instability to the region for about ten days from October 20 - 30. The main effects were felt in the northwest portion of Maricopa County in Aguila and Wickenburg, with lower, but still significant precipitation occurring further east toward Phoenix. Aguila received significant flooding on Grass Wash and Centennial Wash. A peak of about 24,000 cfs flowed in Centennial Wash at Wenden (#5093) on October 22. Flooding on Sols Wash near Matthie (#7043) (11,000 cfs) affected the Wickenburg area. Jackrabbit Wash (#5218) experienced a large flood (32,000 cfs) on October 27, four days before the gage was installed. Flooding eventually reached the Hassayampa River at I-10 (#5283) with a flood of nearly 30,000 cfs.

The summer monsoon began in late June and was all but over by the end of August. An occasional surge of tropical moisture would enter Arizona and produce some precipitation. Little flooding occurred in most areas. Much of the streamflow that did occur was small and insignificant. Flood events ranged from about 200 cfs at Winters Wash (#5118) in early July, to about 925 cfs at Sand Tank Wash at I-8 (#6933) in mid-September.

### Maximum Flows and Impoundments for Water Year 2001 at Selected FCDMC Water Level Sensor Locations

Location	Discharge (cfs)	Stage (feet)	Contents (ac-ft)	Contents (%full)	Date
Centennial Wash at Wenden	24,250	7.82	---	---	10/22/00
Hassayampa River at US60	15,400	4.90	---	---	10/21/00
Hassayampa River at I-10	12,200	5.02	---	---	10/27/00
Centennial Wash at Wenden	11,883	5.68	---	---	10/28/00
Gila River at 116th Ave	11,822	5.12	---	---	11/23/00
Sols Wash near Matthie	10,800	5.15	---	---	10/27/00
Agua Fria River at Grand Ave	5,839	6.46	---	---	10/27/00
Sols Wash near Matthie	4,772	3.22	---	---	10/27/00
Flying E Wash	3,600	5.10	---	---	10/21/00
Tiger Wash	3,542	7.65	---	---	10/21/00
Hassayampa River at Box Canyon	3,215	7.20	---	---	10/27/00
Tiger Wash	3,169	7.40	---	---	10/27/00
Martinez Creek	2,650	6.30	---	---	10/27/00
Gila River at Olberg	2,591	3.40	---	---	10/26/00
EMF at Queen Creek Road	2,459	3.80	---	---	10/28/00
Waterman Wash at Rainbow Valley Road	1,760	8.52	---	---	10/21/01
Hartman Wash	1,547	3.67	---	---	10/21/00
Santa Cruz River at SR 84	1,259	3.90	---	---	10/25/00
IBW at Shea Blvd.	1,247	2.50	---	---	10/10/00
Greene Wash at SR 84	1,154	3.28	---	---	10/25/00
Sand Tank Wash at I-8	925	3.20	---	---	09/13/01
IBW at Sweetwater	852	3.55	---	---	10/10/00
New River at Glendale Ave	824	1.43	---	---	10/27/00
Skunk Creek near New River	821	3.49	---	---	10/22/00
ACDC at 43rd Ave.	766	2.10	---	---	10/27/00
Powderhouse Wash	761	1.50	---	---	10/27/00
Rainbow Wash at SR 85	648	2.51	---	---	08/17/01
Harquahala FRS	12	21.47	492	5.7	10/21/00

## DATA PRESENTATION

The following three sections present the data collected by the Flood Control District ALERT system. The first section is Surface Water Streamflow data. This section contains data from free-flowing stream sites and discharges from dams and detention basins. The second section contains Pool Level data from storage structures, both dams and basins. The third section presents Storage Volume data for both dams and basins. The data are in acre-feet of storage volume.

In the tables where there are dashes “- -” for a particular date or dates, the gage was down. Typically a gage is down when the gage itself fails, or a transmitter or repeater fails. In the case of transmitter failure or repeater failure, data for that date is available by manual download. However, when no event has occurred, the data will typically not be retrieved from the device.

# **SURFACE WATER STREAMFLOW DATA**

**Flood Control District of Maricopa County ALERT System**  
 Computation of Continuous Records of Streamflow

**Station Number:** 0773\*      **Name:** Tat Momolikot Dam  
**Drainage Area:** 1,780 mi<sup>2</sup>  
**Period of Record:** January 24, 2000 to current year\*\*  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

**No recorded outflow during Water Year 2001**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	TOTAL		0	MEAN	0	MAX	0	MIN	0	AC_FT		0

\*Gage ID was 0768 prior to January 24, 2000.

\*\*FCD Operated gage since January 1998. However, previous gage did not work properly. A pressure transducer gage was installed January 24, 2000 and all previous data were deleted. Previously, the US Army Corps of Engineers, Los Angeles District maintained a gage at this location.

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 0778      **Name:** Gila @ Maricopa Rd

**Drainage Area:** 19,915 mi<sup>2</sup>

**Period of Record:** FCDMC October 1, 1998 – current year

USGS: Gage number 09479350

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
24												
25												
26												
27	21											
28	2											
29	1				---							
30					---							
31		---			---		---		---			---
-----												
TOTAL	23	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	0	0	0	0	0	0	0	0	0	0	0
MAX	71	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	46	0	0	0	0	0	0	0	0	0	0	0
-----												
WTR YR 2001	TOTAL		23	MEAN	0	MAX	71	MIN	0	AC_FT		46

**NOTE: The USGS maintains a gage at this site in cooperation with ADOT. See USGS Gage #09479350**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 0783      **Name:** Gila @ Olberg  
**Drainage Area:** 18,674 mi<sup>2</sup>  
**Period of Record:** October 1, 1998 – current year\*  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flow of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/26		2,591	3.40				

### Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2					---							
3												
4												
5										---		
6										---		
7										---		
8										---		
9												
10												
11												
12												
13					---							
14								---				
15												
16												
17												
18												
19												
20												
21	18											
22	19											
23	443											
24	244											
25	876											
26	1269											
27	988											
28	312											
29	63				---							
30	28				---							
31		---			---		---		---			---
-----												
TOTAL	4259	0	0	0	0	0	0	0	0	0	0	0
MEAN	137	0	0	0	0	0	0	0	0	0	0	0
MAX	2591	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	8448	0	0	0	0	0	0	0	0	0	0	0
-----												
<b>WTR YR 2001</b>	<b>TOTAL</b>	<b>4259</b>	<b>MEAN</b>	<b>12</b>	<b>MAX</b>	<b>2591</b>	<b>MIN</b>	<b>0</b>	<b>AC_FT</b>	<b>8448</b>		

\*USGS maintained a gage at this site prior to October 1, 1998 (09478350)

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 0788      **Name:** Santa Cruz @ SR 84

**Drainage Area:** Undetermined

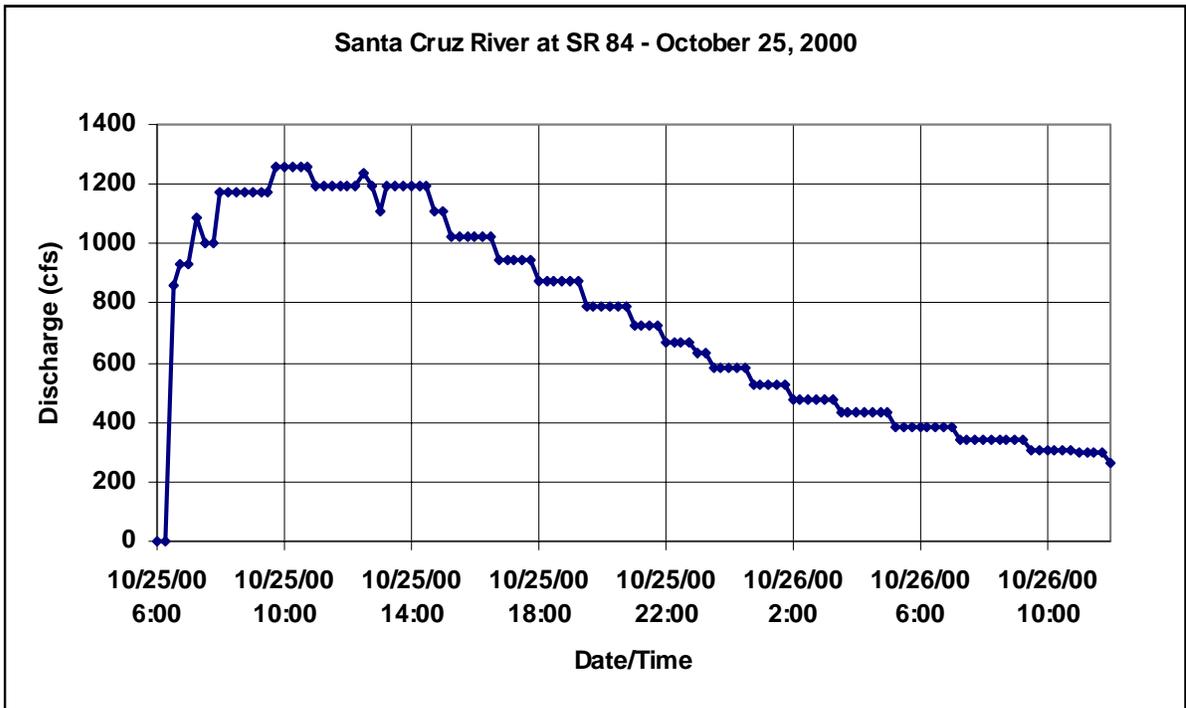
**Period of Record:** March 16, 1994 to current year

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/25		1,259	3.90	11/08		554	2.90

*Hydrograph of October 25, 2000 event*



# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 0788      **Name:** Santa Cruz @ SR 84  
**Drainage Area:** Undetermined  
**Period of Record:** March 16, 1994 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				---								
2										---		
3		1					5			---		
4		1	14				1			---		
5		1	9							---		
6		1					19			---		
7		1				1	19			---		
8		78				1				---		
9		395					7			---		
10		155					3			---		
11		12									9	
12												
13											9	
14												
15												
16												
17												
18												
19												
20												
21												
22	1						3					
23												
24			---									
25	721											
26	292											
27	55											
28	67											
29	16											
30			---		---							
31		---	---		---		---		---			---
TOTAL	1152	644	23	0	0	2	58	0	0	0	18	0
MEAN	37	21	1	0	0	0	2	0	0	0	1	0
MAX	1259	554	40	0	0	12	61	0	0	0	93	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	2284	1277	47	0	0	5	114	0	0	0	36	0
WTR YR 2001	TOTAL	1897	MEAN	5	MAX	1259	MIN	0	AC_FT	3763		

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 0793      **Name:** Greene Wash @ SR 84

**Drainage Area:** Undetermined

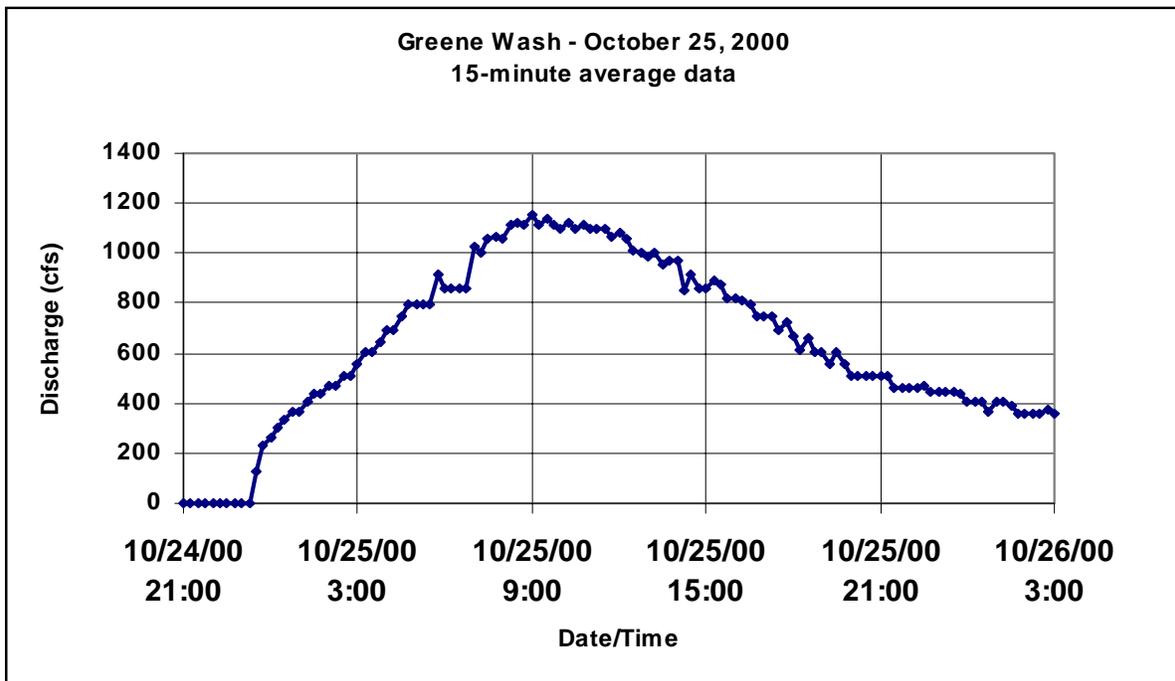
**Period of Record:** March 23, 1994 to current year

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/25		1,154	3.28	11/08		419	1.77

#### Hydrograph of October 25, 2000 event



# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 0793      **Name:** Greene Wash @ SR 84

**Drainage Area:** Undetermined

**Period of Record:** March 23, 1994 to current year

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2				2								
3												
4												
5												
6												
7												
8		126										
9		230										
10		36										
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24	5											
25	737											
26	183											
27	25											
28	13											
29					---							
30					---							
31		---			---		---		---			---
TOTAL	963	392	0	2	0	0	0	0	0	0	0	0
MEAN	31	13	0	0	0	0	0	0	0	0	0	0
MAX	1154	419	0	15	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	1910	777	0	5	0	0	0	0	0	0	0	0
<b>WTR YR 2001</b>	<b>TOTAL</b>	<b>1357</b>	<b>MEAN</b>	<b>4</b>	<b>MAX</b>	<b>1154</b>	<b>MIN</b>	<b>0</b>	<b>AC_FT</b>	<b>2692</b>		

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 0798      **Name:** Santa Rosa @ SR 84  
**Drainage Area:** Undetermined (1,780 mi<sup>2</sup> are controlled by Tat Momolikot Dam)  
**Period of Record:** March 16, 1994 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flow of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Peak</u>	<u>Day</u>	<u>Peak</u>	<u>Peak</u>
<u>Discharge (cfs)</u>	<u>Gage</u>	<u>Ht. (feet)</u>	<u>Discharge (cfs)</u>	<u>Gage</u>	<u>Ht. (ft.)</u>
10/25	576	0.41			

### Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
24												
25	123											
26	353											
27												
-----												
TOTAL	476	0	0	0	0	0	0	0	0	0	0	0
MEAN	15	0	0	0	0	0	0	0	0	0	0	0
MAX	576	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	944	0	0	0	0	0	0	0	0	0	0	0
-----												
WTR YR 2001	TOTAL	476	MEAN	1	MAX	576	MIN	0	AC_FT	944		

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Streamflow

**Station Number:** 4523      **Name:** Salt R. @ Priest Dr  
**Drainage Area:** 13,223 mi<sup>2</sup>

See *USGS Water-Data Report AZ-01-1* for data for this site.

<b>Flood Flow Frequency</b>				
<b>(source: Table 2-4 from <i>Study form Modified Roosevelt Dam</i>)</b>				
Magnitude and Probability of Instantaneous Peak Flow				
Discharge, in cfs, for Indicated Recurrence Interval				
5-year	10-year	20-year	50-year	100-year
<b>20,500</b>	<b>55,000</b>	<b>90,000</b>	<b>140,000</b>	<b>169,000</b>

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 4563      **Name:** Spookhill FRS  
**Drainage Area:** 13.6 mi<sup>2</sup>  
**Period of Record:** November 1987 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		6										
2		5										
3		4										
4		4										
5		3										
6		1					10					
7						7	8					
8						8	7					
9						6	5					
10	22					5	1					
11	21					4					2	
12	10					2					1	
13	6											
14	4				2							
15	1				4							
16				7	1							
17				7								
18				5								
19				1								
20												
21												
22	24						5					
23	15						3					
24	10											
25	7											
26	5											
27	17			5								
28	36			9								
29	15			7	---							
30	8			5	---							
31	7	---		3	---		---		---			---
TOTAL	208	24	0	49	7	32	38	0	0	0	4	0
MEAN	7	1	0	2	0	1	1	0	0	0	0	0
MAX	43	6	0	10	7	13	11	0	0	0	11	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	413	48	0	98	14	63	76	0	0	0	8	0
<b>WTR YR 2001</b>	<b>TOTAL</b>	<b>362</b>	<b>MEAN</b>	<b>1</b>	<b>MAX</b>	<b>43</b>	<b>MIN</b>	<b>0</b>	<b>AC_FT</b>	<b>719</b>		

**Outflow controlled by gated outlet below 11.5 feet gage height.**

**See also Pool Level and Storage Volume data.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 4573      **Name:** Price Drain at Loop 202  
**Drainage Area:** Undetermined  
**Period of Record:** February 18, 2001 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage</u>	<u>Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage</u>	<u>Ht. (ft.)</u>
03/07		236		4.40	07/29		224		4.30

### Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	5	2	1	1	2	7	4
2	---	---	---	---	---	2	7	2	3	2	8	6
3	---	---	---	---	---	2	5	2	3	3	9	6
4	---	---	---	---	---	1	4	2	3	4	4	5
5	---	---	---	---	---	1	12	2	3	5	5	4
6	---	---	---	---	---	2	20	1	2	5	4	5
7	---	---	---	---	---	51	7	1	4	4	3	3
8	---	---	---	---	---	25	4	1	2	3	4	4
9	---	---	---	---	---	33	4	1	2	3	21	2
10	---	---	---	---	---	17	6	1	2	3	9	5
11	---	---	---	---	---	2	2	3	2	2	6	4
12	---	---	---	---	---	1	2	2	1	1	5	3
13	---	---	---	---	---	1	1	2	2	3	6	7
14	---	---	---	---	---	1	2	2	2	1	7	7
15	---	---	---	---	---	1	1	1	1	2	5	6
16	---	---	---	---	---	1	2	1	3	3	8	5
17	---	---	---	---	---	1	1	1	2	4	6	6
18	---	---	---	---	8	1	1	1	2	4	3	2
19	---	---	---	---	8	1	2	1	2	6	2	3
20	---	---	---	---	6	1	1	1	3	5	3	2
21	---	---	---	---	5	1	4	1	5	5	2	2
22	---	---	---	---	1	1	8	2	3	4	2	3
23	---	---	---	---	1	3	4	2	2	3	3	3
24	---	---	---	---	4	2	2	4	2	2	3	4
25	---	---	---	---	2	2	2	5	3	3	3	4
26	---	---	---	---	4	3	2	3	2	4	3	6
27	---	---	---	---	4	2	5	2	2	3	4	8
28	---	---	---	---	14	3	3	2	3	2	4	6
29	---	---	---	---	---	3	4	1	1	16	4	4
30	---	---	---	---	---	2	2	1	1	26	9	5
31	---	---	---	---	---	3	---	1	---	12	8	---
TOTAL	---	---	---	---	186	177	122	51	69	143	170	135
MEAN	---	---	---	---	7	6	4	2	2	5	5	4
MAX	---	---	---	---	46	236	112	8	9	224	84	57
MIN	---	---	---	---	1	0	0	0	1	1	1	1
AC_FT	---	---	---	---	368	352	242	101	136	284	336	267

**WTR YR 2001    TOTAL    1052    MEAN            5    MAX            236    MIN            0    AC\_FT            2087**

**Gaging established during Water Year 2001 on February 18, 2001.**

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 4588      **Name:** Reata Pass Wash

**Drainage Area:** 7.9 mi<sup>2</sup>

**Period of Record:** May 15, 2001 to current year

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### No recorded flow during Water Year 2001

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
TOTAL	---	---	---	---	---	---	---	0	0	0	0	0			
MEAN	---	---	---	---	---	---	---	0	0	0	0	0			
MAX	---	---	---	---	---	---	---	0	0	0	0	0			
MIN	---	---	---	---	---	---	---	0	0	0	0	0			
AC_FT	---	---	---	---	---	---	---	0	0	0	0	0			
WTR YR 2001	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

**Gaging established during Water Year 2001 on May 31, 2001.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 4603      **Name:** IBW @ McKellips Rd.  
**Drainage Area:** 101 mi<sup>2</sup>  
**Period of Record:** November 1987 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/27		210	1.42	03/07		200	1.40
04/06		210	1.42	08/30		128	1.20

### Daily Mean Values

<u>DAY</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>
1		10									1	1
2		4										1
3		1										1
4												1
5							2					1
6		7					118					1
7		6				40	67					1
8		1				97	17					1
9		1		5		44	6				20	1
10	7			6		2						1
11	35			9								1
12	13			20								1
13	8			47								1
14	10			22	1							1
15	9			11								1
16	9			19								1
17	6			5						24		1
18				2						9		1
19				2								1
20				1				---				1
21	1						1					1
22	49											1
23	30			1								1
24				1								1
25												1
26												1
27	26			2	1							1
28	129			36	2							1
29	35			1	---					4		1
30	14				---					22	11	1
31	14	---			---		---		---	2	19	---
<hr/>												
TOTAL	395	29	0	191	5	184	212	0	0	61	51	19
MEAN	13	1	0	6	0	6	7	0	0	2	2	1
MAX	210	100	0	87	16	200	210	0	0	93	128	6
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	784	57	0	379	10	364	420	0	0	121	102	37
<hr/>												
WTR YR 2001	TOTAL	1147	MEAN	3	MAX	210	MIN	0	AC_FT	2274		

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 4613      **Name:** IBW @ Indian Bend  
**Drainage Area:** 88 mi<sup>2</sup> (approximate; includes area of Interceptor Channel)  
**Period of Record:** USGS: 1961 – 1984; FCDMC: November 1987 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/10		238	2.12	03/07		243	2.14

### Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		5										
2												
3												
4	1	---										
5	1	---										
6							51					
7						47	9					
8						15	3					
9				12		8	1					
10	45			7		6						
11	12			3		5						
12	3			15		2						
13				24								
14				7						1		
15				3								
16				1								
17												
18												
19												
20				1								
21												
22	43											
23	15											
24	9											
25	6											
26	3											
27	32			29								
28	47			19								
29	10			5	---							
30	5			2	---					1		
31	13	---			---		---		---			---
-----												
TOTAL	247	5	0	128	0	82	64	0	0	1	0	0
MEAN	8	0	0	4	0	3	2	0	0	0	0	0
MAX	238	5	0	103	0	243	238	0	0	5	4	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	489	10	0	255	0	162	128	0	0	2	0	0
-----												
WTR YR 2001	TOTAL	527	MEAN	1	MAX	243	MIN	0	AC_FT	1046		

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 4618      **Name:** IBW @ Indian School  
**Drainage Area:** 90 mi<sup>2</sup> (approximate)  
**Period of Record:** November 25, 1997 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/10		267	2.62	04/06		267	2.62

### Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5							1					
6							83					
7						60						
8						16						
9												
10	64											
11	7											
12				21								
13				42								
14												
15												
16												
17												
18												
19												
20												
21												
22	71											
23	10											
24												
25												
26												
27	29			37								
28	97			46								
29					---							
30					---							
31		---			---		---		---			---
-----												
TOTAL	277	0	0	146	0	76	84	0	0	0	0	0
MEAN	9	0	0	5	0	2	3	0	0	0	0	0
MAX	267	0	0	173	0	253	267	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	549	0	0	289	0	150	166	0	0	0	0	0
-----												
WTR YR 2001	TOTAL	582	MEAN	2	MAX	267	MIN	0	AC_FT	1155		

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 4623      **Name:** IBW Interceptor

**Drainage Area:** 35 mi<sup>2</sup>

**Period of Record:** April 21, 1994 to current year

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flow of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Peak</u>	<u>Day</u>	<u>Peak</u>	<u>Peak</u>
<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Gage Ht. (feet)</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Gage Ht. (feet)</u>
10/22	65	0.98			

### Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7						6						
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22	12											
23												
24												
25												
26												
27	7											
28	2											
29					---							
30					---							
31		---			---		---		---			---
-----												
TOTAL	21	0	0	0	0	6	0	0	0	0	0	0
MEAN	1	0	0	0	0	0	0	0	0	0	0	0
MAX	65	0	0	0	0	31	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	41	0	0	0	0	12	0	0	0	0	0	0
-----												
WTR YR 2001	TOTAL		27	MEAN	0	MAX	65	MIN	0	AC_FT		54

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 4628      **Name:** IBW @ McDonald  
**Drainage Area:** 88 mi<sup>2</sup> (approximate)  
**Period of Record:** November 24, 1997 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/10		511	0.98	04/06		602	1.10

### Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		4										
2												
3									---			
4												
5												
6							158					
7		7				64	3					
8						11						
9												
10	91											
11	25											
12				2								
13				23								
14												
15										---		
16												
17												
18												
19												
20												
21								1				
22	85							1				
23	19											
24												
25												
26												
27	88			28								
28	126			15								
29	11									1		
30	3											
31	21	---										---
-----												
TOTAL	469	11	0	68	0	75	161	2	0	1	0	0
MEAN	15	0	0	2	0	2	5	0	0	0	0	0
MAX	511	60	0	82	0	448	602	2	0	17	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	931	21	0	134	0	150	320	4	0	2	0	0
-----												
WTR YR 2001	TOTAL		787	MEAN	2	MAX	602	MIN	0	AC_FT	1562	

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 4638      **Name:** Tatum Basin Inflow

**Drainage Area:** 2.17 mi<sup>2</sup>

**Period of Record:** May 6, 1998 to current year

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
26												
27	1											
28				---								
TOTAL	1	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	8	0	0	1	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	1	0	0	1	0	0	0	0	0	0	0	0
<b>WTR YR 2001</b>	<b>TOTAL</b>		<b>1</b>	<b>MEAN</b>	<b>0</b>	<b>MAX</b>	<b>8</b>	<b>MIN</b>	<b>0</b>	<b>AC_FT</b>	<b>2</b>	

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 4643      **Name:** IBW @ Sweetwater

**Drainage Area:** 9.2 mi<sup>2</sup>

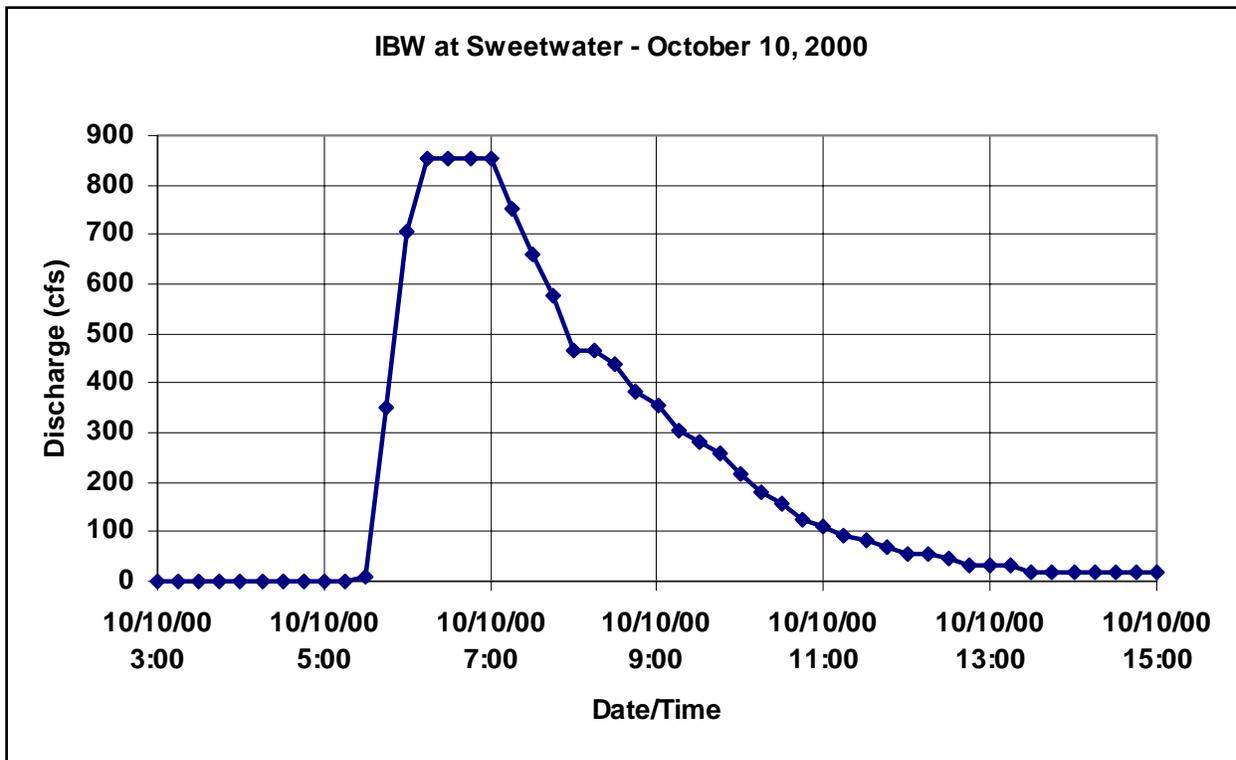
**Period of Record:** December 27, 1990 to current year\*

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/10		852	3.55	10/27		292	2.00

*Hydrograph of October 10, 2000 event*



## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 4643      **Name:** IBW @ Sweetwater  
**Drainage Area:** 9.2 mi<sup>2</sup>  
**Period of Record:** December 27, 1990 to current year\*  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		1										
2												
3												
4	7			2								
5	2			3			12					
6		11					13					
7		2		2		15						
8				1								
9				26							5	
10	114			5								
11	8			3								
12	3			29								
13				8								
14				1								
15												
16												
17											13	
18												
19	4											
20	3											
21	10						2					
22	58						2					
23	13											
24	7											
25	1											
26												
27	51			45								
28	28			10								
29	1				---							
30	30				---					5		
31	5	---			---		---		---			---
TOTAL	347	14	0	134	0	15	29	0	0	5	18	0
MEAN	11	0	0	4	0	0	1	0	0	0	1	0
MAX	852	62	3	138	0	91	159	0	0	30	105	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	689	27	0	267	0	31	58	0	0	9	35	0
WTR YR 2001	TOTAL	563	MEAN	2	MAX	852	MIN	0	AC_FT	1116		

**NOTE:** The gage was moved to the 36th Street bridge from the Sweetwater Road bridge on November 18, 1998.

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Streamflow

**Station Number:** 4643      **Name:** IBW @ Sweetwater  
**Drainage Area:** 9.2 mi<sup>2</sup>  
**Period of Record:** December 27, 1990 to current year\*  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

<b>Flood Flow Frequency</b>		
<b>(source: FEMA Sept. 1995)</b>		
Magnitude and Probability of Instantaneous Peak Flow		
Discharge, in cfs, for Indicated Recurrence Interval		
<b>10-year</b>	<b>50-year</b>	<b>100-year</b>
<b>2,000</b>	<b>3,500</b>	<b>6,000</b>

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 4648      **Name:** E.Fork CC #1

**Drainage Area:** 1.18 mi<sup>2</sup>

**Period of Record:** March 2, 1994 to current year

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

Daily Mean Values												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
16												
17												1
18												1
19												
TOTAL	0	0	0	0	0	0	0	0	0	0	3	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	2	0	0	0	0	0	0	2	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	0	7	0
<b>WTR YR 2001</b>	<b>TOTAL</b>		<b>4</b>	<b>MEAN</b>	<b>0</b>	<b>MAX</b>	<b>2</b>	<b>MIN</b>	<b>0</b>	<b>AC_FT</b>	<b>7</b>	

**See also Pool Level and Storage Volume Data**

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 4653      **Name:** Tatum Basin Outflow  
**Drainage Area:** 2.17 mi<sup>2</sup>  
**Period of Record:** May 8, 1998 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

*No recorded flow during Water Year 2001*

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	TOTAL	0	MEAN	0	MAX	0	MIN	0	AC_FT	0		

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 4658      **Name:** E.Fork CC #4  
**Drainage Area:** 0.68 mi<sup>2</sup>  
**Period of Record:** January 18, 1994 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		1				2						
2												
3							1					
4							2					
5		---					3				2	
6							4				2	
7		3				6	1					
8						2						
9				4		1			1		3	
10	6					2					1	
11						1						
12				7								
13				2	2						2	
14					3							
15					1		---			---		---
16												
17											3	
18											1	
19	1											
20	1						1					
21	1						4					
22	12						3					
23	9				1		3			1	1	
24	3		---				3				1	
25			---				1			1		
26					2					1		
27	4			9	1					1		
28	4			2	4							
29	1			1	---					1		
30	3				---					2		
31	2	---			---		---		---			---
TOTAL	50	4	0	25	14	14	25	0	0	9	17	0
MEAN	2	0	0	1	0	0	1	0	0	0	1	0
MAX	41	10	0	29	10	25	26	0	0	6	25	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	98	8	0	49	27	27	50	0	0	17	34	0
WTR YR 2001	TOTAL	157	MEAN	0	MAX	41	MIN	0	AC_FT	311		

**See also Pool Level and Storage Volume Data**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 4668      **Name:** EFCC nr 7th Avenue

**Drainage Area:** 14.1 mi<sup>2</sup>

**Period of Record:** May 21, 1997 to current year

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						4						
2												
3												
4												
5												
6							11					
7						17						
8						6						
9				12							5	
10	11			1							1	
11				1								
12				24								
13				5								
14				1	6						1	
15					2						1	
16												
17											12	
18												
19												
20												
21							1					
22	4						2					
23												
24										---		
25												
26												
27	3			44								
28	2			77	5							
29				---	---							
30	1			---	---					2		
31		---			---		---		---			---
TOTAL	20	0	0	348	13	27	13	0	0	2	21	0
MEAN	1	0	0	11	0	1	0	0	0	0	1	0
MAX	116	0	0	94	23	49	26	0	0	7	55	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	40	0	0	691	26	53	26	0	0	4	42	0
<b>WTR YR 2001</b>	<b>TOTAL</b>		<b>444</b>	<b>MEAN</b>		<b>1</b>	<b>MAX</b>	<b>116</b>	<b>MIN</b>	<b>0</b>	<b>AC_FT</b>	<b>882</b>

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 4678      **Name:** Lake Margarite  
**Drainage Area:** Undetermined  
**Period of Record:** November 25, 1997 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5								4				
6								31				
7						43						
8						26						
9												
10	29											
11	22											
12				2								
13												
14						17						
15												
16												
17	43											
18												
19												
20												
21												
22	53											
23												
24	36											
25	36											
26												
27	29											
28	26											
29												
30												
31		---			---		---		---			---
TOTAL	273	0	0	2	0	86	35	0	0	0	0	0
MEAN	9	0	0	0	0	3	1	0	0	0	0	0
MAX	195	0	0	90	0	138	190	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	542	0	0	3	0	170	69	0	0	0	0	0
WTR YR 2001	TOTAL	396	MEAN	1	MAX	195	MIN	0	AC_FT	785		

**NOTE:** Approximately 60 cfs pass the gate before detection due to the elevation of the instrument.

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 4683      **Name:** E.Fork CC #3  
**Drainage Area:** 3.52 mi<sup>2</sup> (1.86 mi<sup>2</sup> controlled by EFCC#1 and EFCC#4)  
**Period of Record:** July 27, 1994 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values														
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
1															
2															
3															
4															
5															
6															
7							4								
8															
9															
10	1														
11															
12				1											
13															
14															
15															
16												---			
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27				2											
28															
29							---								
30							---								
31		---					---		---			---			
TOTAL	1	0	0	3	0	4	0	0	0	0	0	0			
MEAN	0	0	0	0	0	0	0	0	0	0	0	0			
MAX	14	0	0	10	0	8	0	0	0	0	0	0			
MIN	0	0	0	0	0	0	0	0	0	0	0	0			
AC_FT	2	0	0	6	0	8	0	0	0	0	0	0			
WTR YR 2001	TOTAL		8	MEAN		0	MAX		14	MIN		0	AC_FT		16

**See also Pool Level and Storage Volume Data**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 4688      **Name:** Berneil Wash  
**Drainage Area:** 9.5 mi<sup>2</sup> (approximate) – significant split flows at Mt. View and 64th Street and Mt. View and Miller Road  
**Period of Record:** July 30, 1998 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/10		305	1.38	10/22		297	1.35

### Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4	7											
5	1						9					
6	1						12					
7	1	2				13						
8												
9	1			7							4	
10	34											
11												
12				9								
13				2								
14												
15												
16												
17												
18												
19												
20												
21	5											
22	41											
23	1											
24												
25												
26												
27	17			8								
28	3											
29										1		
30	2									1		
31		---										---
-----												
TOTAL	115	2	0	25	0	13	21	0	0	2	4	0
MEAN	4	0	0	1	0	0	1	0	0	0	0	0
MAX	305	5	0	59	5	106	215	0	0	27	79	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	228	3	0	50	0	26	42	0	0	3	8	0
-----												
<b>WTR YR 2001</b>	<b>TOTAL</b>	<b>182</b>	<b>MEAN</b>	<b>0</b>	<b>MAX</b>	<b>305</b>	<b>MIN</b>	<b>0</b>	<b>AC_FT</b>	<b>361</b>		

# Flood Control District of Maricopa County ALERT System

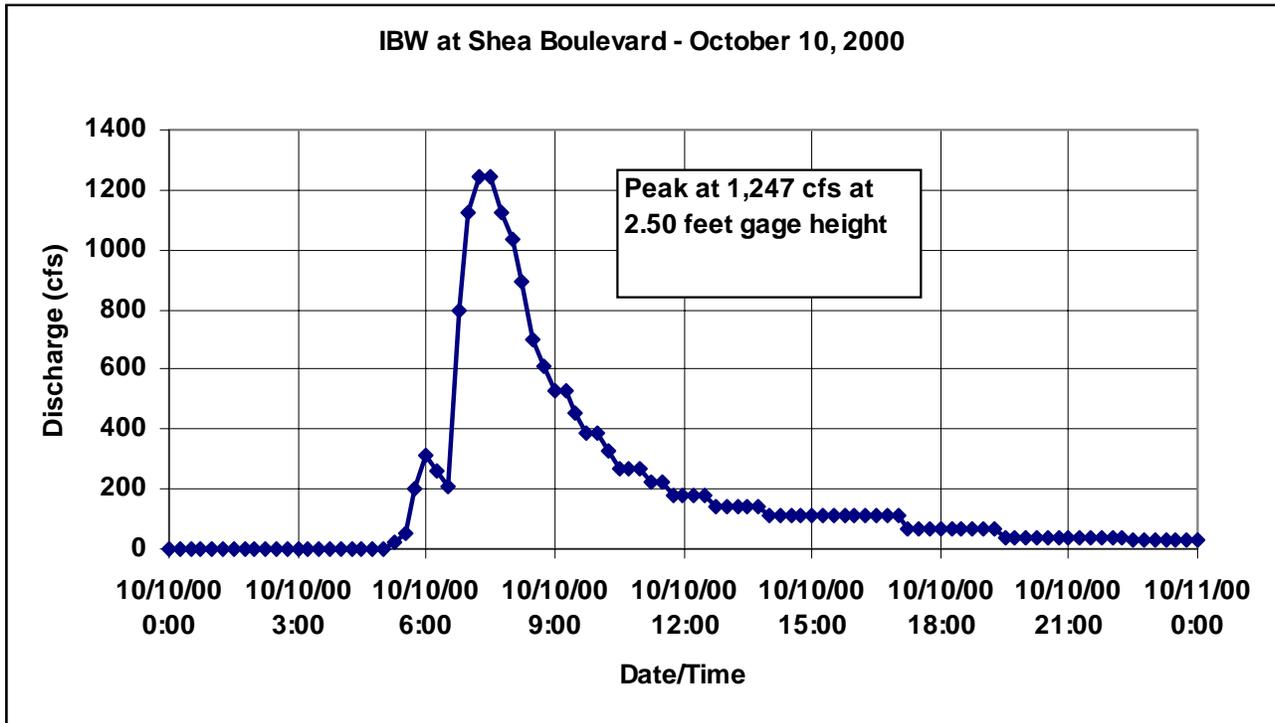
## Computation of Continuous Records of Streamflow

**Station Number:** 4693      **Name:** IBW @ Shea Blvd.  
**Drainage Area:** 24.6 mi<sup>2</sup>  
**Period of Record:** June 9, 1998 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/10		1,247	2.50	04/05		568	1.85

### Hydrograph of October 10, 2000 event



## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 4693      **Name:** IBW @ Shea Blvd.  
**Drainage Area:** 24.6 mi<sup>2</sup>  
**Period of Record:** June 9, 1998 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						5						
2												
3												
4	7											
5							40					
6		4					104					
7						119	4					
8				1		9						
9				55							85	
10	183			1						2	9	
11	15											
12				61								
13				21	2							
14				1	29							
15					21							
16					2							
17	2										87	
18											8	
19	2											
20												
21	7						4					
22	85						14			---		
23	10						4					
24	20											
25												
26					1							
27	50			111								
28	35			22	25							
29					---					10		
30	21				---					65		
31	10	---			---		---		---	7		---
TOTAL	447	4	0	272	80	133	172	0	0	83	188	0
MEAN	14	0	0	9	3	4	6	0	0	3	6	0
MAX	1247	30	0	354	40	419	568	0	0	169	270	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	888	7	0	540	159	265	342	0	0	165	374	0
WTR YR 2001	TOTAL	1381	MEAN	4	MAX	1247	MIN	0	AC_FT	2739		

Flood Flow Frequency (based on HECWRC implementation of Bulletin 17B, n=14 for USGS CSG 09512090, operated by USGS approximately 500 feet upstream of Shea Blvd.)					
Magnitude and Probability of Instantaneous Peak Flow					
Discharge, in cfs, for Indicated Recurrence Interval					
2-year	5-year	10-year	20-year	50-year	100-year
820	1,810	2,730	3,840	5,630	7,260

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 4748      **Name:** Old Xcut @ McDowell  
**Drainage Area:** Undetermined  
**Period of Record:** July 27, 1994 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
03/07		143	0.98	04/05		119	0.81

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			28	28			34					
2			30	30			36					
3			30	30			33					
4	15		33	30			33					
5			36	13			36					
6		10	36				14					
7			31			35						
8			7	1		12						
9			29	19							5	
10	11		32									
11	2		39									
12			39	29								
13			39	12								
14			37	1	12							
15			39									
16			36			13						
17			36			25						
18			36			25						
19			37			25						
20			31			26						
21	5					25	4					
22	4					27						
23		14	9			28						
24		25	34			30						
25		25	33		1	30						
26		26	31		11	31						
27	16	28	30	9	3	34						
28		28			24	33						
29		28	14	5	---	17				3		
30	2	26	26		---	27				2		
31		---	28		---	33	---		---			---
-----												
TOTAL	55	211	893	206	51	475	189	0	0	4	5	0
MEAN	2	7	29	7	2	15	6	0	0	0	0	0
MAX	78	60	39	119	57	143	119	0	0	68	110	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	110	418	1772	408	101	943	375	0	0	9	9	0
-----												
WTR YR 2001	TOTAL	2090	MEAN	6	MAX	143	MIN	0	AC_FT	4145		

**NOTE: Some flows occur as a result of releases by the Salt River Project from the Arizona Canal and by irrigation return water.**

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 4803      **Name:** Dreamy Draw Dam

**Drainage Area:** 1.3 mi<sup>2</sup>

**Period of Record:** November 1987 to current year

**Revised Records:** WY1996, WY1995

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1								---	---			
2								---	---			
3									---			
4												
5							1					
6		1					3					
7		2				2	2					
8						2						
9				3								
10	4			2								
11				2								
12				2								
13				3								
14				2				---				
15												
16												
17											1	
18												
19												
20												
21												
22												
23								---				
24								---				
25								---				
26								---				
27	1			3				---				
28	2			2				---				
29				1	---			---		1		
30					---		---	---		1		
31		---			---		---	---	---			---
TOTAL	8	3	0	19	0	5	6	0	0	2	1	0
MEAN	0	0	0	1	0	0	0	0	0	0	0	0
MAX	51	7	0	17	0	16	17	0	0	34	17	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	15	5	0	38	0	9	11	0	0	3	1	0
WTR YR 2001	TOTAL		42	MEAN	0	MAX	51	MIN	0	AC_FT		83

**See also Pool Level and Surface Volume Data.**

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 4808      **Name:** ACDC @ 36th St.  
**Drainage Area:** 4.82 mi<sup>2</sup>  
**Period of Record:** February 24, 1994 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4	2											
5	3											
6	---						1					
7	---					1						
8	---											
9	---			1								
10	2											
11												
12				1								
13												
14												
15										1		
16												
17												
18												
19												
20										2		
21												
22	2						1					
23												
24												
25												
26												
27	2			1								
28	1				1							
29					---							
30	1				---							
31		---			---		---		---			---
TOTAL	24	1	0	3	1	2	3	0	0	3	0	0
MEAN	1	0	0	0	0	0	0	0	0	0	0	0
MAX	7	2	0	4	3	6	5	1	0	4	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	48	1	0	7	2	3	5	1	0	6	0	0
WTR YR 2001	TOTAL		37	MEAN	0	MAX	7	MIN	0	AC_FT		73

Flood Flow Frequency for inflow to sediment basin (HEC-1 for ACDC ADMS)		
Magnitude and Probability of Instantaneous Peak Flow		
Discharge, in cfs, for Indicated Recurrence Interval		
2-year	10-year	100-year
590	2,510	5,410

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 4813      **Name:** ACDC @ 14th St.  
**Drainage Area:** 10.2 mi<sup>2</sup>  
**Period of Record:** February 9, 1994  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flow of interest in Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Peak</u>	<u>Day</u>	<u>Peak</u>	<u>Peak</u>
<u>Discharge (cfs)</u>	<u>Gage</u>	<u>Ht. (feet)</u>	<u>Discharge (cfs)</u>	<u>Gage</u>	<u>Ht. (ft.)</u>
07/29	184	1.92			

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5	---						2					
6	---						10					
7	---					12						
8	---											
9	---			1								
10											5	
11												
12				2								
13												
14												
15												
16												
17							---				1	
18							---					
19												
20												
21												
22												
23	8											
24	8											
25												
26												
27	3			6								
28	16											
29										6		
30										11		
31		---					---		---			---
-----												
TOTAL	34	0	0	9	0	12	12	0	0	17	6	0
MEAN	1	0	0	0	0	0	0	0	0	1	0	0
MAX	27	0	0	36	0	36	27	0	0	184	25	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	68	0	0	17	0	24	24	0	0	34	12	0
-----												
WTR YR 2001	TOTAL		90	MEAN	0	MAX	184	MIN	0	AC_FT	178	

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 4818      **Name:** Tenth Street Wash Basin #1

**Drainage Area:** 1.21 mi<sup>2</sup>

**Period of Record:** November 26, 1996

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7						1						
8												
9												
10	5											
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27	2			5								
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	7	0	0	6	0	1	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	17	0	0	14	0	5	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	13	0	0	13	0	1	0	0	0	0	0	0
WTR YR 2001	TOTAL		14	MEAN	0	MAX	17	MIN	0	AC_FT		27

**See also Pool Level and Storage Volume Data.**

**NOTE: Up to 300 cfs may bypass the basin.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 4823      **Name:** ACDC @ 43rd Ave.  
**Drainage Area:** 56 mi<sup>2</sup> below Cave Buttes Dam  
**Period of Record:** December 17, 1991 to current year  
**Revised Records:** WY1998:WY1997  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/27		766	2.10	01/27		365	1.45
08/09		487	1.67				

### Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9											31	
10	46											
11												
12				24								
13												
14												
15												
16												
17												
18												
19												
20												
21												
22	57											
23												
24	9											
25												
26												
27	45			123								
28												
29					---							
30					---					39		
31		---			---		---		---			---
-----												
TOTAL	156	0	0	147	0	0	0	0	0	39	31	0
MEAN	5	0	0	5	0	0	0	0	0	1	1	0
MAX	766	0	0	365	0	0	0	0	0	217	487	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	310	0	0	292	0	0	0	0	0	77	61	0
-----												
<b>WTR YR 2001</b>	<b>TOTAL</b>		<b>373</b>	<b>MEAN</b>		<b>1</b>	<b>MAX</b>	<b>766</b>	<b>MIN</b>	<b>0</b>	<b>AC_FT</b>	<b>740</b>

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 4833      **Name:** Cave Creek @ Cactus  
**Drainage Area:** 33.6 mi<sup>2</sup> below Cave Buttes Dam  
**Period of Record:** June 21, 1991 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

Day	Peak Discharge (cfs)	Gage Ht. (feet)	Day	Peak Discharge (cfs)	Gage Ht. (ft.)
10/24	386	10.33	01/27	239	9.68

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		131			1	51						
2		66				27						
3		31				13						
4		14				6						
5		6				3						
6		3				2	8					
7		2				62						
8		1				76		---				
9				10		40		---				
10	58			1		24						
11	15					14						
12	2			43		8						
13				43		4						
14				1	5	1						
15					33						13	
16					12						1	
17					4						6	
18				1	2						1	
19					1							
20					1							
21												
22	106						1					
23	232											
24	233											
25	204											
26	115				1							
27	74			114	1							
28	195			170	16							
29	147			64	---							
30	80			16	---							
31	149	---		3	---		---		---			---
-----												
TOTAL	1610	255	0	465	77	331	10	0	0	0	22	0
MEAN	52	8	0	15	3	11	0	0	0	0	1	0
MAX	386	155	0	239	64	126	23	0	0	1	36	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	3193	505	0	923	153	656	19	0	0	1	43	0
-----												
WTR YR 2001	TOTAL	2769	MEAN	8	MAX	386	MIN	0	AC_FT	5493		

**NOTE: Receding limbs of hydrographs are greatly affected by clogging of outlet orifice. Therefore, low flows for falling hydrographs may be unrealistically high. See downstream stations 4823 and 5523 for a better representation of the falling limbs. Weir flow begins into main channel above 10 feet gage height.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 4863      **Name:** Rawhide Wash  
**Drainage Area:** Undetermined  
**Period of Record:** July 27, 1999 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
9												
10	22											
11												
TOTAL	22	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	0	0	0	0	0	0	0	0	0	0	0
MAX	70	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	44	0	0	0	0	0	0	0	0	0	0	0
<b>WTR YR 2001</b>	<b>TOTAL</b>		<b>22</b>	<b>MEAN</b>	<b>0</b>	<b>MAX</b>	<b>70</b>	<b>MIN</b>	<b>0</b>	<b>AC_FT</b>	<b>44</b>	

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 4903      **Name:** Cave Buttes Outlet  
**Drainage Area:** 191 mi<sup>2</sup> at Cave Buttes Dam  
**Period of Record:** November 1987 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		18										
2		19										
3		16								1		
4	6											
5							3					
6							13					4
7						19						
8												
9				12								
10	5										5	
11												
12				19								
13				20								
14											7	
15											16	
16												4
17											7	
18												
19												
20												
21	2											
22	20											
23	20											
24	20											
25	19											
26	19											
27	19			21								
28	19			23	14							
29	20			22	---							
30	19			20	---					4		
31	19	---			---		---		---			---
TOTAL	206	53	0	136	14	19	16	0	0	5	34	8
MEAN	7	2	0	4	1	1	1	0	0	0	1	0
MAX	31	19	0	64	57	57	57	0	0	49	57	16
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	408	105	0	271	28	38	31	0	0	10	68	16
<b>WTR YR 2001</b>	<b>TOTAL</b>	<b>492</b>	<b>MEAN</b>	<b>1</b>	<b>MAX</b>	<b>64</b>	<b>MIN</b>	<b>0</b>	<b>AC_FT</b>	<b>975</b>		

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 4913      **Name:** Stagecoach Wash

**Drainage Area:** Undetermined

**Period of Record:** June 13, 2001 to current year

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---			
2	---	---	---	---	---	---	---	---	---			
3	---	---	---	---	---	---	---	---	---			
4	---	---	---	---	---	---	---	---	---			
5	---	---	---	---	---	---	---	---	---	---		
6	---	---	---	---	---	---	---	---	---	---		
7	---	---	---	---	---	---	---	---	---	---		
8	---	---	---	---	---	---	---	---	---	---		
9	---	---	---	---	---	---	---	---	---	---		
10	---	---	---	---	---	---	---	---	---	---		
11	---	---	---	---	---	---	---	---	---	---		
12	---	---	---	---	---	---	---	---	---	---		
13	---	---	---	---	---	---	---	---	---	---		
14	---	---	---	---	---	---	---	---	---	---		
15	---	---	---	---	---	---	---	---	---	---		
16	---	---	---	---	---	---	---	---	---	---		
17	---	---	---	---	---	---	---	---	---	---		
18	---	---	---	---	---	---	---	---	---	---	---	
19	---	---	---	---	---	---	---	---	---	---	---	
20	---	---	---	---	---	---	---	---	---	---	---	
21	---	---	---	---	---	---	---	---	---	---	---	
22	---	---	---	---	---	---	---	---	---	---	---	
23	---	---	---	---	---	---	---	---	---	---	---	
24	---	---	---	---	---	---	---	---	---	---	---	
25	---	---	---	---	---	---	---	---	---	---	---	
26	---	---	---	---	---	---	---	---	---	---	---	
27	---	---	---	---	---	---	---	---	---	---	---	
28	---	---	---	---	---	---	---	---	---	---	---	
29	---	---	---	---	---	---	---	---	---	---	---	
30	---	---	---	---	---	---	---	---	---	---	---	
31	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL	---	---	---	---	---	---	---	---	0	0	0	0
MEAN	---	---	---	---	---	---	---	---	0	0	0	0
MAX	---	---	---	---	---	---	---	---	0	9	4	7
MIN	---	---	---	---	---	---	---	---	0	0	0	0
AC_FT	---	---	---	---	---	---	---	---	0	1	0	0
WTR YR 2001	TOTAL		1	MEAN	0	MAX	9	MIN	0	AC_FT		1

**NOTE:** There is some small flows coming periodically from a water storage facility about 500 feet north of the gage. All recorded flows were from this periodic discharge.

**Gaging established during Water Year 2001 on June 13, 2001.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 4918      **Name:** Cave Cr nr Cave Cr

**Drainage Area:** 121 mi<sup>2</sup>

**Period of Record:** USGS ID# 09512300 – 05/17/1958 to 09/30/1967

WY 1968 – WY 1994 – Annual peaks only

FCDMC – May 27, 1994 to current year

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flow of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/24		590	2.12				

### Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7						17						
8						78						
9												
10												
11												
12												
13												
14											58	
15											67	
16												
17												
18												
19												28
20												13
21												
22							---					
23												
24	130											
25												
26												
27	6			69								
28												
29					---							
30	54				---							
31	58	---			---		---		---			---
-----												
TOTAL	247	0	0	69	0	95	0	0	0	0	125	41
MEAN	8	0	0	2	0	3	0	0	0	0	4	1
MAX	590	0	0	256	0	240	0	0	0	0	231	162
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	491	0	0	138	0	188	0	0	0	0	247	80
-----												
<b>WTR YR 2001</b>	<b>TOTAL</b>		<b>577</b>	<b>MEAN</b>	<b>2</b>	<b>MAX</b>	<b>590</b>	<b>MIN</b>	<b>0</b>	<b>AC_FT</b>	<b>1144</b>	

Continued on Next Page

**Flood Control District of Maricopa County ALERT System**  
**Computation of Continuous Records of Streamflow**

**Station Number:** 4918      **Name:** Cave Cr nr Cave Cr

**Drainage Area:** 121 mi<sup>2</sup>

**Period of Record:** USGS ID# 09512300 – 05/17/1958 to 09/30/1967

WY 1968 – WY 1994 – Annual peaks only

FCDMC – May 27, 1994 to current year

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

<b>Flood Flow Frequency</b>					
<b>(based on HECWRC implementation of Bulletin 17B, n = 38)</b>					
Magnitude and Probability of Instantaneous Peak Flow					
Discharge, in cfs, for Indicated Recurrence Interval					
2-year	5-year	10-year	20-year	50-year	100-year
1,420	4,420	7,670	11,900	18,900	25,600

**Flood Control District of Maricopa County ALERT System**  
Computation of Continuous Records of Streamflow

**Station Number:** 4923      **Name:** Cave Cr.@ SpurCross  
**USGS Station:** 09512280  
**Drainage Area:** 121 mi<sup>2</sup>  
**Period of Record:** June 13, 1993 to current year

See *USGS Water-Data Report AZ-01-1* for data for this site.

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 5013      **Name:** Columbus Wash  
**Drainage Area:** Undetermined  
**Period of Record:** September 22, 1999 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

***No recorded flow during Water Year 2001***

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0		
MEAN	0	0	0	0	0	0	0	0	0	0	0	0		
MAX	0	0	0	0	0	0	0	0	0	0	0	0		
MIN	0	0	0	0	0	0	0	0	0	0	0	0		
AC_FT	0	0	0	0	0	0	0	0	0	0	0	0		
WTR YR 2001	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT	0

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 5033      **Name:** Copper Wash  
**Drainage Area:** Undetermined  
**Period of Record:** February 22, 2001 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

<u>Day</u>	Peak <u>Discharge (cfs)</u>	Peak <u>Gage Ht. (feet)</u>	<u>Day</u>	Peak <u>Discharge (cfs)</u>	Peak <u>Gage Ht. (ft.)</u>
08/12	214	1.92			

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---							
2	---	---	---	---	---							
3	---	---	---	---	---							
4	---	---	---	---	---							
5	---	---	---	---	---							
6	---	---	---	---	---							
7	---	---	---	---	---							
8	---	---	---	---	---							
9	---	---	---	---	---							
10	---	---	---	---	---							
11	---	---	---	---	---							
12	---	---	---	---	---						6	
13	---	---	---	---	---						2	
14	---	---	---	---	---							
15	---	---	---	---	---							
16	---	---	---	---	---							
17	---	---	---	---	---							
18	---	---	---	---	---							
19	---	---	---	---	---							
20	---	---	---	---	---							
21	---	---	---	---	---							
22	---	---	---	---	---							
23	---	---	---	---	---							
24	---	---	---	---	---							
25	---	---	---	---	---							
26	---	---	---	---	---							
27	---	---	---	---	---							
28	---	---	---	---	---							
29	---	---	---	---	---							
30	---	---	---	---	---							
31	---	---	---	---	---		---		---			---
-----												
TOTAL	---	---	---	---	0	0	0	0	0	0	8	0
MEAN	---	---	---	---	0	0	0	0	0	0	0	0
MAX	---	---	---	---	0	0	0	0	0	0	214	0
MIN	---	---	---	---	0	0	0	0	0	0	0	0
AC_FT	---	---	---	---	0	0	0	0	0	0	16	0
-----												
WTR YR 2001	TOTAL		8	MEAN	0	MAX	214	MIN		0	AC_FT	16

**Gaging established during Water Year 2001 on February 20, 2001.**

# Flood Control District of Maricopa County ALERT System

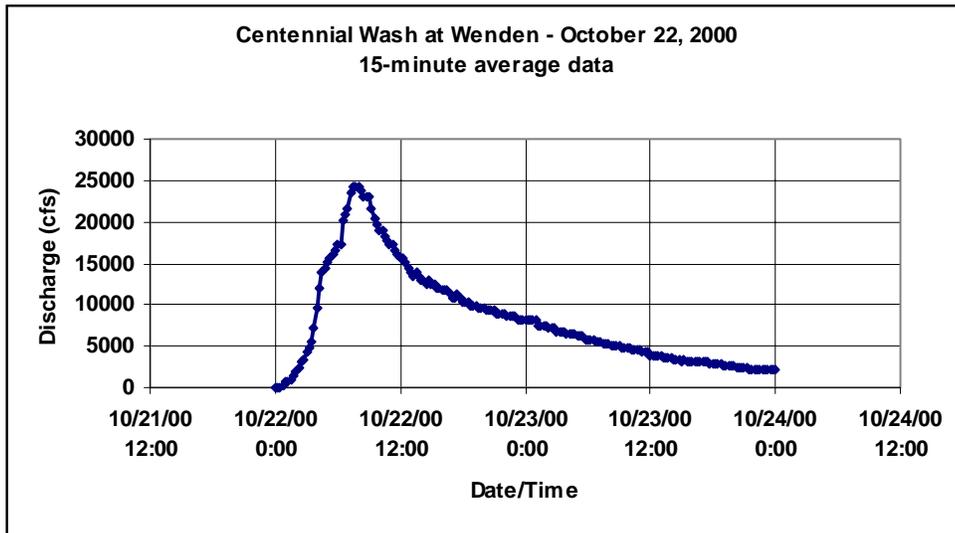
## Computation of Continuous Records of Streamflow

**Station Number:** 5093      **Name:** Centennial @ Wenden  
**Drainage Area:** 586 mi<sup>2</sup> excluding area diverted from Sols Wash at Sols Tank  
**Period of Record:** September 16, 1998 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

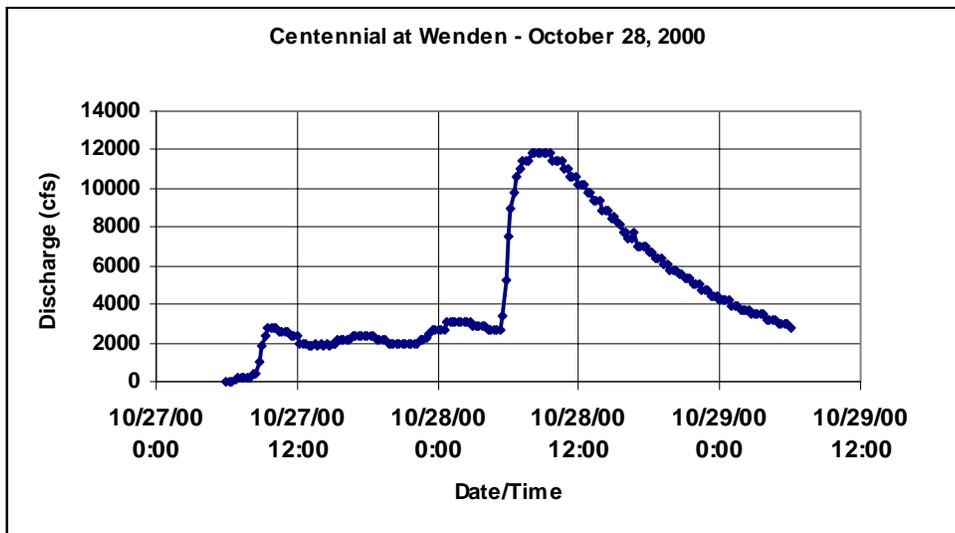
### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/22		24,300	7.82	10/28		11,883	5.68

*Hydrograph for October 22, 2000 event*



*Hydrograph for October 28, 2000 event*



## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 5093      **Name:** Centennial @ Wenden  
**Drainage Area:** 586 mi<sup>2</sup> excluding area diverted from Sols Wash at Sols Tank  
**Period of Record:** September 16, 1998 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		1										
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14											47	
15												
16												
17												
18												
19												
20												
21												
22	12204											
23	4453											
24	815											
25	8											
26												
27	1418											
28	7004											
29	2194											
30	124											
31	14	---			---		---		---			---
TOTAL	28233	1	0	0	0	0	0	0	0	0	47	0
MEAN	911	0	0	0	0	0	0	0	0	0	2	0
MAX	24304	6	0	0	0	0	0	0	0	0	623	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	56000	2	0	0	0	0	0	0	0	0	94	0
WTR YR 2001	TOTAL	28282	MEAN	77	MAX	24304	MIN	0	AC_FT	56096		

**Flood Control District of Maricopa County ALERT System**  
Computation of Continuous Records of Streamflow

**Station Number:** 5103      **Name:** Centennial Railroad  
**USGS Station:** 09517490  
**Drainage Area:** 1,817 mi<sup>2</sup>  
**Period of Record:** February 15, 1990 to current year  
May 15, 1980 to September 30, 1985  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

See *USGS Water-Data Report AZ-01-1* for data for this site.

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 5108      **Name:** Delaney Wash  
**Drainage Area:** 50 mi<sup>2</sup> (approximately)  
**Period of Record:** December 22, 1999 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/10		203	2.52	10/22		260	2.77

### Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22	195											
23	207											
24	25											
25	19											
26												
27	24											
28	16											
29					---							
30					---							
31		---			---		---		---			---
-----												
TOTAL	484	0	0	0	0	0	0	0	0	0	0	0
MEAN	16	0	0	0	0	0	0	0	0	0	0	0
MAX	260	0	0	0	0	0	0	0	0	0	10	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	961	0	0	0	0	0	0	0	0	0	0	0
-----												
<b>WTR YR 2001</b>	<b>TOTAL</b>		<b>485</b>	<b>MEAN</b>	<b>1</b>	<b>MAX</b>	<b>260</b>	<b>MIN</b>	<b>0</b>	<b>AC_FT</b>	<b>961</b>	

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 5113      **Name:** Saddleback FRS  
**Drainage Area:** 29.6 mi<sup>2</sup> excluding area brought in from Harquahala FRS  
**Period of Record:** December 16, 1988 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22	2											
23												
24												
25												
26												
27	8											
28	20											
29					---							
30					---							
31		---			---		---		---			---
TOTAL	30	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	0	0	0	0	0	0	0	0	0	0	0
MAX	47	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	59	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	TOTAL		30	MEAN	0	MAX	47	MIN	0	AC_FT		59

**See also Pool Level and Storage Volume Data.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 5118      **Name:** Winters Wash  
**Drainage Area:** Undetermined  
**Period of Record:** July 10, 2000 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flow of interest for Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Peak</u>	<u>Day</u>	<u>Peak</u>	<u>Peak</u>
<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Gage Ht. (feet)</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Gage Ht. (feet)</u>
07/06	199	1.94			

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6						8	---			35		
7						20	---			6		
8						7						
9												
10												
11												
12												
13							---					
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27	4											
28												
29					---							
30					---							
31		---			---		---		---			---
-----												
TOTAL	4	0	0	0	0	35	0	0	0	40	0	0
MEAN	0	0	0	0	0	1	0	0	0	1	0	0
MAX	44	0	0	0	0	101	0	0	0	199	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	8	0	0	0	0	69	0	0	0	80	0	0
-----												
WTR YR 2001	TOTAL		79	MEAN	0	MAX	199	MIN	0	AC_FT	157	

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 5128      **Name:** Harquahala FRS

**Drainage Area:** 102.3 mi<sup>2</sup>

**Period of Record:** March 1, 1994 to current year

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
26												
27	96											
28	2											
29					---							
TOTAL	98	0	0	0	0	0	0	0	0	0	0	0
MEAN	3	0	0	0	0	0	0	0	0	0	0	0
MAX	309	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	194	0	0	0	0	0	0	0	0	0	0	0
<b>WTR YR 2001</b>	<b>TOTAL</b>		<b>98</b>	<b>MEAN</b>	<b>0</b>	<b>MAX</b>	<b>309</b>	<b>MIN</b>	<b>0</b>	<b>AC_FT</b>	<b>194</b>	

**See also Pool Level and Storage Volume Data.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 5163      **Name:** Tiger Wash

**Drainage Area:** 85.2 mi<sup>2</sup>

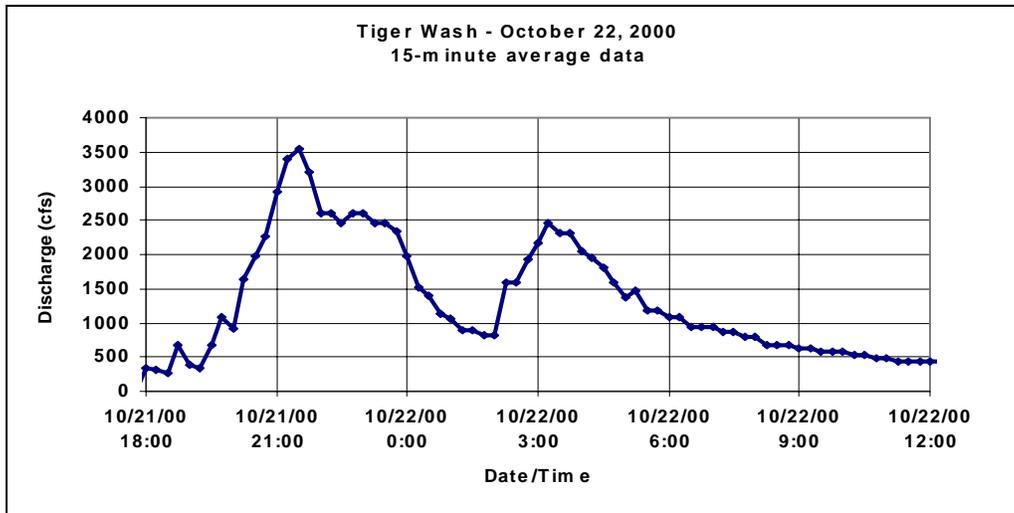
**Period of Record:** September 15, 1999 to current year. USGS maintained a continuous gage from Sept. 1965 to Sept. 1979. The station was reactivated in March 1991 as a peak flow gage site.

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

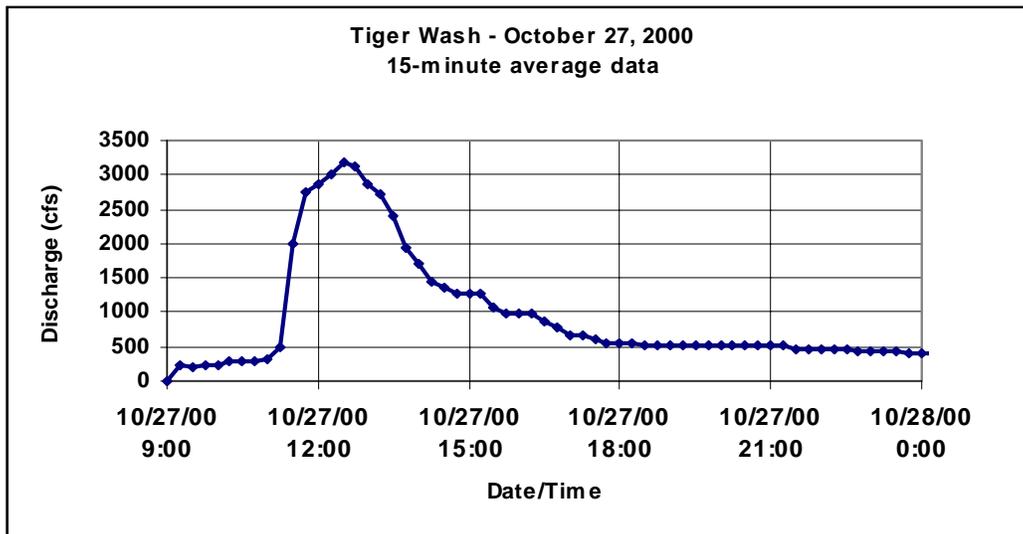
### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/21		3,542	7.65	10/27		3,169	7.40

**Hydrograph for October 21, 2000 event**



**Hydrograph for October 27, 2000 event**



# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 5163      **Name:** Tiger Wash

**Drainage Area:** 85.2 mi<sup>2</sup>

**Period of Record:** September 15, 1999 to current year. USGS maintained a continuous gage from Sept. 1965 to Sept. 1979. The station was reactivated in March 1991 as a peak flow gage site.

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6									---			
7												
8												
9												
10												
11												
12												---
13												---
14												---
15												
16												
17												
18												
19												
20												
21	445											
22	706											
23	76											
24												
25												
26												
27	587											
28	112											
29					---							
30					---							
31		---			---		---		---			---
TOTAL	1927	0	0	0	0	0	0	0	0	0	0	0
MEAN	62	0	0	0	0	0	0	0	0	0	0	0
MAX	3542	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	3822	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	TOTAL	1927	MEAN	5	MAX	3542	MIN	0	AC_FT	3822		

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 5178      **Name:** Centennial Trib near Aguila  
**Drainage Area:** Undetermined  
**Period of Record:** June 5, 2001 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### No Recorded Events During Water Year 2001

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
TOTAL	---	---	---	---	---	---	---	---	0	0	0	0
MEAN	---	---	---	---	---	---	---	---	0	0	0	0
MAX	---	---	---	---	---	---	---	---	0	0	0	0
MIN	---	---	---	---	---	---	---	---	0	0	0	0
AC_FT	---	---	---	---	---	---	---	---	0	0	0	0
-----												
WTR YR 2001	TOTAL	0		MEAN	0		MAX	0		MIN	0	
											AC_FT	
											0	

**Gaging was established during Water Year 2001 on June 5, 2001.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 5203      **Name:** Buckeye FRS #1  
**Drainage Area:** 74 mi<sup>2</sup>  
**Period of Record:** November 1987 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values														
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
1															
2															
3															
4															
5															
6															
7															
8															
9															
10								---							
11								---							
12								---							
13															
14															
15											3				
16											2				
17															
18															
19															
20															
21															
22															
23															
24															
25															
26								---							
27				---											
28				---											
29				---	---										
30					---										
31		---			---		---		---			---			
TOTAL	0	0	0	0	0	0	0	0	0	0	5	0			
MEAN	0	0	0	0	0	0	0	0	0	0	0	0			
MAX	0	0	0	0	0	0	0	0	0	0	8	0			
MIN	0	0	0	0	0	0	0	0	0	0	0	0			
AC_FT	0	0	0	0	0	0	0	0	0	0	9	0			
WTR YR 2001	TOTAL		5	MEAN		0	MAX		8	MIN		0	AC_FT		9

See also Pool Level and Storage Volume Data.

**NOTE: Because of local drawdown effects at the gage on the principal outlet, discharges for stages below about one foot gage height are approximate.**

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 5208      **Name:** Buckeye FRS #2  
**Drainage Area:** 5.7 mi<sup>2</sup> without area from Buckeye #3 FRS  
**Period of Record:** November 11, 1992 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3											2	
4												
5												
6										1		
7												
8												
9												
10												
11												
12												
13												---
14												
15												
16												
17											12	
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	1	14	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	6	94	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	2	28	0
WTR YR 2001	TOTAL	15	MEAN	0	MAX	94	MIN	0	AC_FT	30		

**See also Pool Level and Storage Volume Data.**

**NOTE: Because of local drawdown effects at the gage on the principal outlet, discharges for stages below about one foot gage height are approximate.**

**Flood Control District of Maricopa County ALERT System**  
**Computation of Continuous Records of Streamflow**

**Station Number:** 5218      **Name:** Jackrabbit Wash

**Drainage Area:** 90 mi<sup>2</sup>

**Period of Record:** October 31, 2000 to current year

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

**No Recorded Flow during Water Year 2001**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
TOTAL	---	0	0	0	0	0	0	0	0	0	0	0
MEAN	---	0	0	0	0	0	0	0	0	0	0	0
MAX	---	0	0	0	0	0	0	0	0	0	0	0
MIN	---	0	0	0	0	0	0	0	0	0	0	0
AC_FT	---	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	TOTAL	0	MEAN	0	MAX	0	MIN	0	AC_FT	0		

**Gaging was established during Water Year 2001 on October 31, 2000.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Streamflow

**Station Number:** 5223      **Name:** Hassy nr Morristown  
**Drainage Area:** 711 mi<sup>2</sup>  
**Period of Record:** March 14, 1994 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

See *USGS Water-Data Report AZ-01-1* for data for this site.

<b>Flood Flow Frequency</b> (based on HECWRC implementation of Bulletin 17B, n = 44) expected probability shown since it plots graphically closer to the observed data					
Magnitude and Probability of Instantaneous Peak Flow					
Discharge, in cfs, for Indicated Recurrence Interval					
2-year	5-year	10-year	20-year	50-year	100-year
2,920	10,200	18,400	29,200	47,500	64,700

# Flood Control District of Maricopa County ALERT System

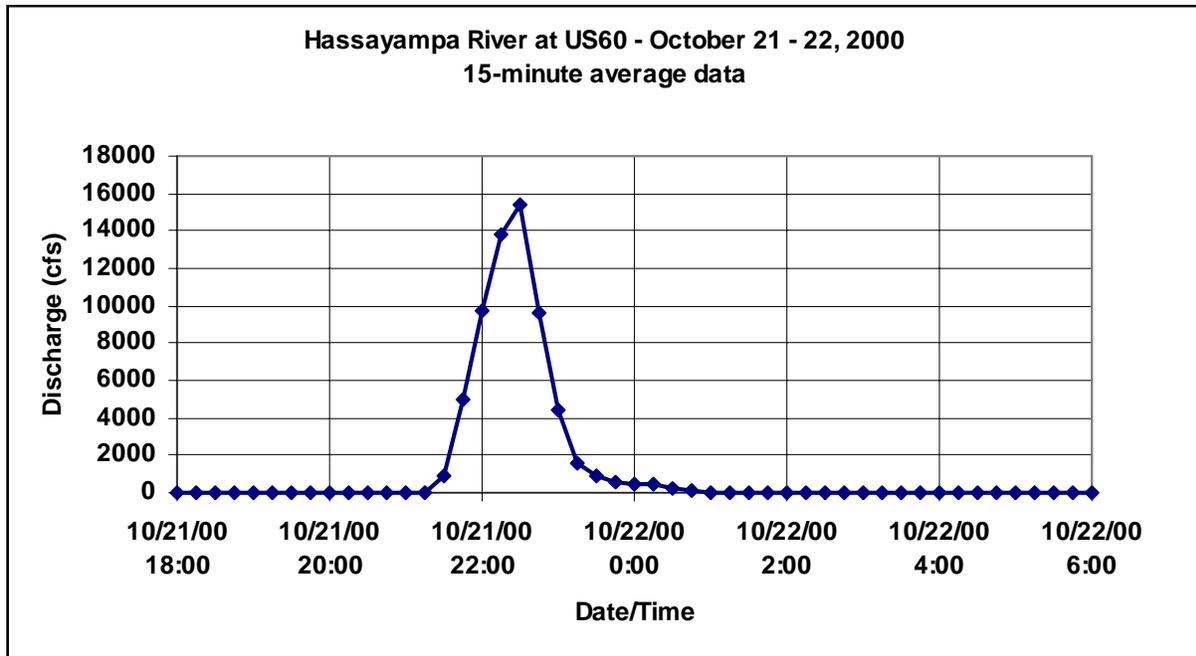
## Computation of Continuous Records of Streamflow

**Station Number:** 5228      **Name:** Hassayampa @ US 60  
**Drainage Area:** 711 mi<sup>2</sup>  
**Period of Record:** March 14, 1994 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/21		15,400	4.90	10/27		8,630	3.62

*Hydrograph of October 21, 2000 event*



# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 5228      **Name:** Hassayampa @ US 60  
**Drainage Area:** 711 mi<sup>2</sup>  
**Period of Record:** March 14, 1994 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5	1											
6												
7						22						
8						20						
9						8						
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21	179											
22	309											
23	126											
24												
25	1											
26												
27	1176											
28	186											
29					---							
30	7				---							
31	4	---			---		---		---			---
TOTAL	1990	0	0	0	0	50	0	0	0	0	0	0
MEAN	64	0	0	0	0	2	0	0	0	0	0	0
MAX	7029	31	0	0	0	35	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	3947	0	0	0	0	100	0	0	0	0	0	0
WTR YR 2001	TOTAL	2040	MEAN	6	MAX	7029	MIN	0	AC_FT	4047		

**Gage separated from low flow channel during all of Water Year 2001.**

**NOTE: This gage location is a wide mobile sand be channel. Therefore, data relilability is considered poor. See also gage #5308 upstream and USGS gage 'Hassayampa River near Morrystown' #09516500, downstream fro additional data and comparative flood flow frequency for this site.**

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 5233      **Name:** Sunset FRS  
**Drainage Area:** 0.95 mi<sup>2</sup> (from Wickenburge ADMS)  
**Period of Record:** February 12, 1989 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values													
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
1						11								
2						10								
3						1								
4														
5														
6										14				
7						15				17				
8						18				16				
9						17				13				
10						17				5				
11						17								
12						16								
13						3								
14					3	15								
15				2		14								
16						14								
17						13								
18		---				12								
19		---				12								
20						11								
21	5					3								
22	22													
23	22													
24	21													
25	21													
26	19													
27	18					2								
28	19			6	11									
29	13			11	---									
30	5			9	---									
31		---		2	---		---		---			---		
TOTAL	166	0	0	30	19	232	0	0	0	65	0	0		
MEAN	5	0	0	1	1	7	0	0	0	2	0	0		
MAX	25	0	0	12	12	18	0	0	0	18	0	0		
MIN	0	0	0	0	0	0	0	0	0	0	0	0		
AC_FT	328	0	0	60	37	460	0	0	0	129	0	0		
WTR YR 2001	TOTAL		512	MEAN		1	MAX		25	MIN		0	AC_FT	1015

**NOTE: Outlet data based on assumption that the outlet gate is fully open, which is not necessarily the case.**

**See also Pool Level and Storage Volume Data.**

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 5248      **Name:** Sunnycove FRS

**Drainage Area:** 0.98 mi<sup>2</sup> (from Wickenburg ADMS)

**Period of Record:** November 1987 to current year

**Revised Records:** WY2000:WY1999

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		25					21					
2		25					20					
3		25					1					
4		25										
5		24										
6		24								23		
7		24				18				30		
8		24				24				30		
9		23				24				28		
10		23				24				7		
11		23				24						
12		23				23						
13		23				23						
14		21				23						
15		9				23						
16						23						
17						23						
18						23						
19						23						
20						22						
21	4					22						
22	28					22						
23	28					22						
24	28					22						
25	28					22						
26	26					22						
27	29					21						
28	33					21						
29	29				---	21						
30	26				---	21						
31	26	---			---	21	---		---			---
TOTAL	285	341	0	0	0	557	42	0	0	118	0	0
MEAN	9	11	0	0	0	18	1	0	0	4	0	0
MAX	38	25	0	0	0	24	21	0	0	31	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	566	676	0	0	0	1104	83	0	0	235	0	0
WTR YR 2001	TOTAL	1344	MEAN	4	MAX	38	MIN	0	AC_FT	2665		

**NOTE: Outflow data based on assumption that the outlet gate is fully open.**

**See also Pool Level and Storage Volume Data.**

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 5276      **Name:** Sols Wash at SR 71  
**Drainage Area:** 10 mi<sup>2</sup>  
**Period of Record:** September 10, 2001 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### No Recorded Flows during Water Year 2001

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
TOTAL	---	---	---	---	---	---	---	---	---	---	---	0
MEAN	---	---	---	---	---	---	---	---	---	---	---	0
MAX	---	---	---	---	---	---	---	---	---	---	---	0
MIN	---	---	---	---	---	---	---	---	---	---	---	0
AC_FT	---	---	---	---	---	---	---	---	---	---	---	0
-----												
WTR YR 2001	TOTAL	0		MEAN	0		MAX	0		MIN	0	

**Guaging established during Water Year 2001 on September 10, 2001.**

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 5283      **Name:** Hassayampa R @ I-10  
**Drainage Area:** 1,450 mi<sup>2</sup> approximate  
**Period of Record:** November 9, 1994 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flow of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Peak</u>	<u>Day</u>	<u>Peak</u>	<u>Peak</u>
<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Gage Ht. (feet)</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Gage Ht. (feet)</u>
10/27	12,200*	5.02*			

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
26												
27	2458											
28	1944											
29					---							
30					---							
31		---			---		---		---			---
-----												
TOTAL	7587	0	0	0	0	0	0	0	0	0	0	0
MEAN	245	0	0	0	0	0	0	0	0	0	0	0
MAX	12200	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	15049	0	0	0	0	0	0	0	0	0	0	0
-----												
WTR YR 2001	TOTAL	7587	MEAN	21	MAX	12200	MIN	0	AC_FT	15049		

**NOTE: The gage was separated from the low flow channel for all of Water Year 2001.**

Flood Flow Frequency (from R. W. Cruft analysis of 1995 based on shape of Hassayampa near Arlington relation)					
Magnitude and Probability of Instantaneous Peak Flow					
Discharge, in cfs, for Indicated Recurrence Interval					
2-year	5-year	10-year	20-year	50-year	100-year
2,500	8,000	15,000	32,000	51,000	75,000

**\*NOTE: Gage indicated a peak of 12,200 cfs for October 27, 2000. Data collected from the crest stage gages and a cross section survey indicate the peak on October 27, 2000 was approximately 27,000 cfs at about 7.0 feet gage height.**





# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 5353      **Name:** Hassy @ Wagoner Rd  
**Drainage Area:** 78 mi<sup>2</sup>  
**Period of Record:** September 26, 1991 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

Day	Peak Discharge (cfs)	Peak Gage Ht. (feet)	Day	Peak Discharge (cfs)	Peak Gage Ht. (ft.)
10/21	1,336	6.85			

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			1	1	1		3	3				
2		2		2			3	3				
3		1		2	1		7	7				
4		1		1			4	4				
5		1					7	5				
6		1	1				9	2				
7		3				6	7	1				
8						1	3	1				
9						3	4	3			1	
10		1				7	7	2				
11						10	2	1				
12		1	1			5	1	1				
13		1	1		1	2	1					
14		1				2	1	2				
15		1	1			2	3	3				
16		1	3			3	2	9				
17		2	1	1		3	1	2				
18		1	1	1		3	3	1				
19			3			2	6	1				
20		1				3	3					
21	94	4	1			3	3	1				
22	2	1				4	2	2			---	
23		1	1			2	3					
24		1				2	4					
25		1	3			2	2					
26		1	1			3	1					
27	7	1	1			4	2					
28			2			3	2					
29			1			---	3	1				
30	3		1			---	4	2				
31	1	---				---	1	---	---			---
TOTAL	108	28	27	14	8	83	97	53	0	0	1	0
MEAN	3	1	1	0	0	3	3	2	0	0	0	0
MAX	1336	16	15	16	14	14	14	51	0	0	18	35
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	213	56	53	28	16	165	193	104	0	0	2	0

WTR YR 2001    TOTAL    418    MEAN    1    MAX    1336    MIN    0    AC\_FT    830

**NOTE: The sonar device at this locaiton is influenced by temperature. Therefore, daily values may be overestimated. Typically, base flow is 5 – 20 cfs.**

Flood Flow Frequency (based on HECWRC implementation of Bulletin 17B, n = 12)					
Magnitude and Probability of Instantaneous Peak Flow					
Discharge, in cfs, for Indicated Recurrence Interval					
2-year	5-year	10-year	20-year	50-year	100-year
595	1,590	2,580	3,780	5,730	7,490

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 5403      **Name:** Agua Fria @ Buckeye  
**Drainage Area:** 2,241 mi<sup>2</sup> , 1,459 mi<sup>2</sup> controlled by New Waddell Dam, 191 mi<sup>2</sup> by Cave Buttes Dam, 90 mi<sup>2</sup> by Adobe Dam, 164 mi<sup>2</sup> by New River Dam, and 247 mi<sup>2</sup> by McMicken Dam.

**Period of Record:** October 12, 1988 to current year

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/10		433	-0.38	10/28		1,288	0.15
01/27		433	-0.38				

### Daily Mean Values

<u>DAY</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>
1		164										
2												
3												
4												
5												
6												
7						5						
8												
9												
10	52											
11												
12				22								
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23	47											
24	371											
25	164											
26	32										---	
27	156			74								
28	1129			4								
29	441				---							
30	37				---							
31	133	---			---		---		---			---
<hr/>												
TOTAL	2562	164	0	101	0	6	0	0	0	0	0	0
MEAN	83	5	0	3	0	0	0	0	0	0	0	0
MAX	1288	271	24	433	0	57	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	5081	325	0	200	0	11	0	0	0	0	0	0

**WTR YR 2001    TOTAL    2832    MEAN    8    MAX    1288    MIN    0    AC\_FT    5617**

**NOTE: Severe drop at boulders along the downstream side of Buckeye Road bridge as well as two channels for lower flows introduce considerable error into the rating for flows less than about 3,500 cfs. The multiple channels also mean some lower flows are missed by the gage.**

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 5408      **Name:** Colter @ El Mirage

**Drainage Area:** 3.48 mi<sup>2</sup>

**Period of Record:** June 29, 1994 to current year

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

<u>Day</u>	Peak	Peak
<u>Day</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>
10/27	135	1.45

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		2				4						
2												
3												
4												
5												
6												
7						10						
8												
9				6								
10												
11												
12				8								
13				4	3							
14					3							
15					2							
16				4								
17				7								
18												
19												
20												
21								10				
22	27							14				
23	15											
24	1											
25												
26					3							
27	17			9	1							
28	13			8	8							
29					---							
30	10				---							
31	8	---			---		---		---			---
-----												
TOTAL	92	2	0	47	21	14	0	24	0	0	0	0
MEAN	3	0	0	2	1	0	0	1	0	0	0	0
MAX	135	0	0	23	13	22	0	16	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	182	4	0	93	41	27	0	47	0	0	0	0
-----												
WTR YR 2001	TOTAL	199	MEAN	1	MAX	135	MIN	0	AC_FT	395		

<b>Flood Flow Frequency (HEC-1 for Colter Channel Design Analysis)</b>
Magnitude and Probability of Instantaneous Peak Flow
Discharge, in cfs, for Indicated Recurrence Interval
100-year
1,040

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 5413      **Name:** Dysart Drain @ LAFB  
**Drainage Area:** 52 mi<sup>2</sup>  
**Period of Record:** August 22, 1996 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22	16											
23	10											
24												
25												
26												
27	17											
28												
29					---							
30	3				---							
31		---			---		---		---			---
TOTAL	46	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	0	0	0	0	0	0	0	0	0	0	0
MAX	113	0	0	2	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	91	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	TOTAL		46	MEAN	0	MAX	113	MIN	0	AC_FT		91

**NOTE: Many days of positive mean daily flow due to irrigation tailwater.**

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 5418      **Name:** White Tanks #3 FRS

**Drainage Area:** 20.5 mi<sup>2</sup>

**Period of Record:** November 1987 to current year

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

***No recorded impoundments or outflows during Water Year 2001***

DAY	Daily Mean Values													
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0		
MEAN	0	0	0	0	0	0	0	0	0	0	0	0		
MAX	0	0	0	0	0	0	0	0	0	0	0	0		
MIN	0	0	0	0	0	0	0	0	0	0	0	0		
AC_FT	0	0	0	0	0	0	0	0	0	0	0	0		
WTR YR 2001	TOTAL	0		MEAN	0		MAX	0		MIN	0		AC_FT	0

**NOTE: Flow assumes gated outlet open, however, it is usually closed.**

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 5422\*      **Name:** Dysart Chnl@ El Mirage Road

**Drainage Area:** 58.2 mi<sup>2</sup>

**Period of Record:** June 23, 1994 to December 26, 1995  
March 7, 1997 to current year\*\*

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values												
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1			8	6								2	
2		3	6	4									
3		3	3	11					2	1			
4		13	1	5					4	2			
5		8	2	5					1	2	1		
6		8	5	7					1			4	
7		7	6	6		9			1			1	
8		8	6	3		1				1		2	
9		7	6	10							2	2	
10	1	10	5	2							3	2	
11		10	1								2		
12		11	7	5					1	2			
13		6	5						3	1			
14		5	5		1				1	6		1	
15		7	11						2	2		5	
16		7	7	2				1	2			4	
17		7	5	1							4		
18		11	5								1		
19		7	2								4	2	
20		4	1	1							4	3	
21	1	6	7								6	3	
22	81	1	6								1	2	
23	46	6	3										
24	5	7	7					1					
25		5	6					3		3		2	
26		2	2					2		2		3	
27	57	7	8	9								2	
28	12	4	4	2	3							1	
29	1	5	1		---			1				3	
30	16	6	7		---					3	4	3	
31	4	---	7		---		---		---	1	4	---	
TOTAL	224	194	157	80	6	10	0	11	0	27	55	49	
MEAN	7	6	5	3	0	0	0	0	0	1	2	2	
MAX	311	22	17	23	7	23	0	6	0	21	27	12	
MIN	0	0	0	0	0	0	0	0	0	0	0	0	
AC_FT	444	384	312	158	12	20	0	21	0	54	108	97	
WTR YR 2001	TOTAL		813	MEAN		2	MAX	311	MIN		0	AC_FT	1612

\*Gage ID number changed to 5422 from 5423 when PT gage was removed. Sonar gage is ID number 5422.

\*\* Gage reinstalled on March 7, 1997 on new Dysart Channel. Gage moved from approximately 1,000 feet upstream of El Mirage Road.

Flood Flow Frequency (HEC-1 for White Tanks ADMS modified for Dysart Channel Design Analysis)	
Magnitude and Probability of Instantaneous Peak Flow	
Discharge, in cfs, for Indicated Recurrence Interval	
100-year	
4,020	

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 5438      **Name:** McMicken Floodway  
**Drainage Area:** 305 mi<sup>2</sup> of which 247 mi<sup>2</sup> is controlled by McMicken Dam  
**Period of Record:** September 3, 1992 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values														
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
1		4													
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22	4														
23	3														
24	4														
25															
26															
27	3														
28	7														
29	6														
30	5														
31	6	---													
TOTAL	38	4	0	0	0	0	0	0	0	0	0	0			
MEAN	1	0	0	0	0	0	0	0	0	0	0	0			
MAX	8	4	0	0	0	0	0	0	0	0	0	0			
MIN	0	0	0	0	0	0	0	0	0	0	0	0			
AC_FT	76	9	0	0	0	0	0	0	0	0	0	0			
WTR YR 2001	TOTAL		43	MEAN		0	MAX		8	MIN		0	AC_FT		84

**NOTE: Flow during Water Year 2001 generated below McMicken Dam. No outflow occurred from McMicken Dam into the floodway. See also Gage 5448.**

Flood Flow Frequency (FEMA 9/95, "at confluence with McMicken Dam")		
Magnitude and Probability of Instantaneous Peak Flow		
Discharge, in cfs, for Indicated Recurrence Interval		
10-year	50-year	100-year
2,610	4,280	5,090

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 5448      **Name:** McMicken Dam

**Drainage Area:** 247 mi<sup>2</sup>

**Period of Record:** November 1987 to current year

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

*No recorded impoundment or flow during Water Year 2001*

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	TOTAL	0	MEAN	0	MAX	0	MIN	0	AC_FT	0		

**See also Pool Level and Storage Volume Data.**

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 5488      **Name:** Upper Trilby Wash

**Drainage Area:** 5 mi<sup>2</sup>

**Period of Record:** September 26, 2001 to current year

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

**No Recorded Flow during Water Year 2001**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
TOTAL	---	---	---	---	---	---	---	---	---	---	---	0		
MEAN	---	---	---	---	---	---	---	---	---	---	---	0		
MAX	---	---	---	---	---	---	---	---	---	---	---	0		
MIN	---	---	---	---	---	---	---	---	---	---	---	0		
AC_FT	---	---	---	---	---	---	---	---	---	---	---	0		
-----														
WTR YR 2001	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT	0

**Guaging was established during Water Year 2001 on September 26, 2001.**

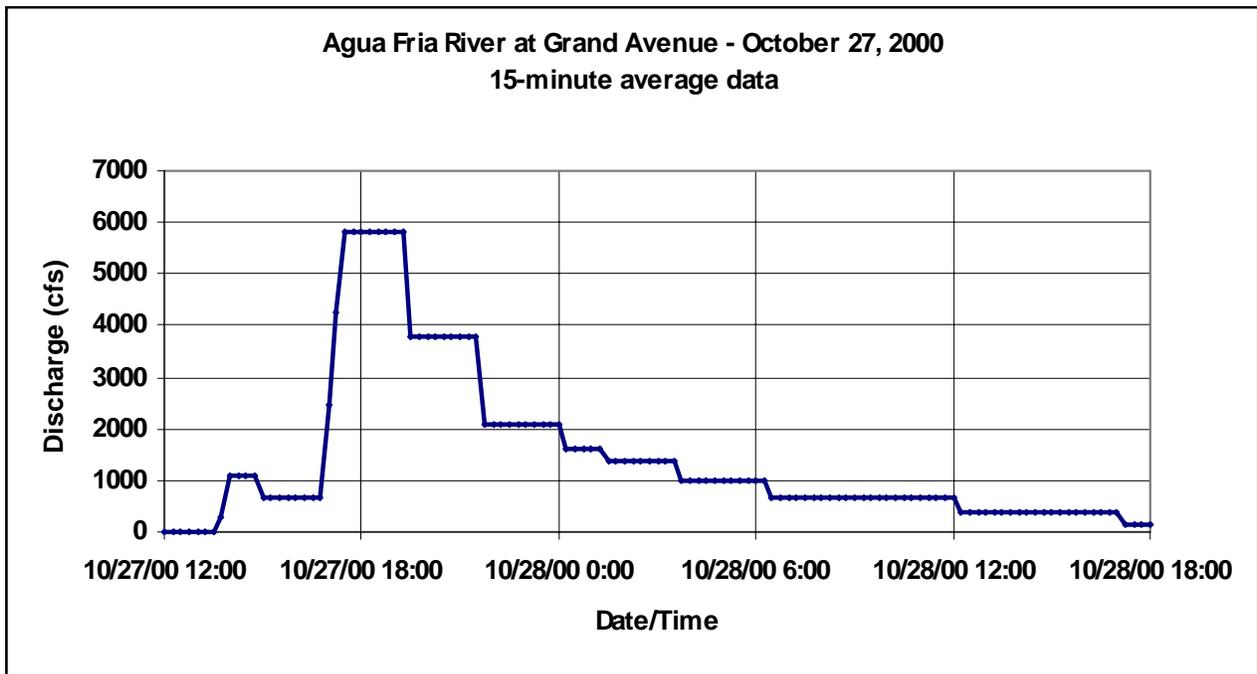
## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 5503      **Name:** Agua Fria @ Grand  
**USGS Gage:** 09513650 (Agua Fria at El Mirage)  
**Drainage Area:** 1,628 mi<sup>2</sup> of which 1,433 mi<sup>2</sup> is controlled by New Waddell Dam  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/27		5,839	6.46				

### Hydrograph of October 27, 2000 event



# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 5503      **Name:** Agua Fria @ Grand  
**USGS Gage:** 09513650 (Agua Fria at El Mirage)  
**Drainage Area:** 1,628 mi<sup>2</sup> of which 1,433 mi<sup>2</sup> is controlled by New Waddell Dam  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/27		5,839	6.46				

### Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22	1											
23	1											
24												
25												
26												
27	1195											
28	609											
29	6											
30					---							
31		---			---		---		---			---
-----												
TOTAL	1813	1	0	1	1	0	0	0	0	0	0	0
MEAN	58	0	0	0	0	0	0	0	0	0	0	0
MAX	5839	1	0	2	1	2	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	3596	1	0	1	1	1	0	0	0	0	0	0
-----												
WTR YR 2001	TOTAL	1815	MEAN	5	MAX	5839	MIN	0	AC_FT	3601		





# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 5523      **Name:** ACDC @ 67th Ave.  
**Drainage Area:** 86 mi<sup>2</sup> at confluence with Skunk Creek  
**Period of Record:** June 7, 1990 to current year  
**Revised Records:** WY1996: WY1994-1995  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

Day	Peak Discharge (cfs)	Peak Gage Ht. (feet)	Day	Peak Discharge (cfs)	Peak Gage Ht. (ft.)
10/10	375	3.30	10/27	417	3.42
01/27	443	3.50			

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		31				16	1					
2		12				6						
3		6				2	1					
4	11	3										
5	4	1			2		1					
6		2					72			15		
7		7				81	7			5		
8						26	1					
9	11			37		9					125	
10	128			5		6					16	
11	29					3	3				1	
12	1			84		1	1				15	
13			1	55	1		1					
14				7	27		1					
15					22		1				7	
16				2	7		1				17	
17				1	2		1				26	
18							1				7	
19	9						1	2				
20	5					1	1	1				
21	1					1	4					
22	56						23					
23	119					1	2					
24	194					3	1					
25	79						1			1		
26	46				13	1				21		
27	104			189	2	1						
28	121			141	36							
29	57			36	---							
30	61			11	---					118		
31	50	---		3	---		---		---	1		---
-----												
TOTAL	1089	62	1	570	113	159	123	3	0	162	215	0
MEAN	35	2	0	18	4	5	4	0	0	5	7	0
MAX	417	34	3	443	61	152	144	6	0	313	328	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	2159	123	1	1131	223	316	244	5	0	321	426	0
-----												
WTR YR 2001	TOTAL	2495	MEAN	7	MAX	443	MIN	0	AC_FT	4950		

Flood Flow Frequency (computed from USACE design information)					
Magnitude and Probability of Instantaneous Peak Flow					
Discharge, in cfs, for Indicated Recurrence Interval					
2-year	5-year	10-year	20-year	50-year	100-year
1,900	4,500	7,700	13,500	20,600	29,000

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 5538      **Name:** Adobe Dam Outlet

**Drainage Area:** 89.6 mi<sup>2</sup>

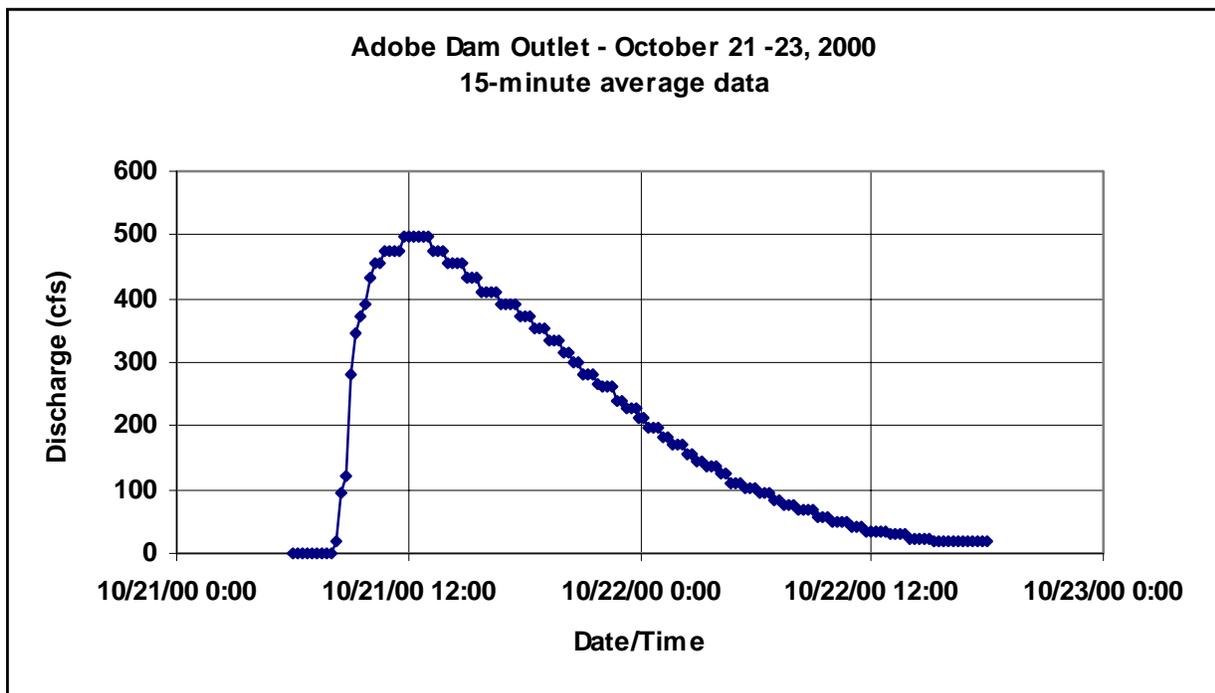
**Period of Record:** November 1987 to current year

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flow of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/22		497	4.45				

### Hydrograph of October 21 - 23, 2000 event



# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 5538      **Name:** Adobe Dam Outlet  
**Drainage Area:** 89.6 mi<sup>2</sup>  
**Period of Record:** November 1987 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Peak</u>	<u>Day</u>	<u>Peak</u>	<u>Peak</u>
<u>Discharge (cfs)</u>	<u>Gage</u>	<u>Ht. (feet)</u>	<u>Discharge (cfs)</u>	<u>Gage</u>	<u>Ht. (ft.)</u>
10/22	497	4.45			

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		7										
2		1										
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13										---		
14												
15											31	
16											1	
17												
18												
19												
20												
21												
22	242											
23	63											
24	21											
25	12											
26	1											
27	19											
28	76											
29	4											
30	3											
31	109	---						---		---		---
-----												
TOTAL	550	8	0	0	0	0	0	0	0	0	32	0
MEAN	18	0	0	0	0	0	0	0	0	0	1	0
MAX	497	14	0	0	0	0	0	0	0	0	67	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	1091	16	0	0	0	0	0	0	0	0	63	0
-----												
WTR YR 2001	TOTAL	590	MEAN	2	MAX	497	MIN	0	AC_FT	1170		

**See also Pool Level and Storage Volume Data.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 5543      **Name:** Scatter Wash  
**Drainage Area:** 18.1 mi<sup>2</sup>  
**Period of Record:** September 18, 1996 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/27		491	1.33	10/30		429	1.23

### Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5							1					
6							11					
7						7						
8												
9				1							14	
10	1										6	
11												
12				58								
13				13								
14												
15												
16												
17											2	
18												
19												
20												
21												
22	69											
23	50											
24	4											
25												
26												
27	80			115								
28	12			40	7							
29					---							
30	37				---					3		
31	14	---			---		---		---			---

TOTAL	268	1	1	228	8	8	13	1	1	4	23	1
MEAN	9	0	0	7	0	0	0	0	0	0	1	0
MAX	491	0	0	344	83	65	128	0	0	28	166	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	532	2	2	453	16	16	26	2	2	8	46	2

WTR YR 2001    TOTAL    557    MEAN    2    MAX    491    MIN    0    AC\_FT    1106

<b>Flood Flow Frequency</b>
<b>(Channel Design Analysis)</b>
Magnitude and Probability of Instantaneous Peak Flow
Discharge, in cfs, for Indicated Recurrence Interval
100-year
6,100

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Streamflow

**Station Number:** 5568      **Name:** Skunk Creek @ I-17  
**USGS Gage:** 09512860 – Skunk Creek near Phoenix, Arizona  
**Drainage Area:** 64.9 mi<sup>2</sup>

See *USGS Water-Data Report AZ-01-1* for data for this site.

<b>Flood Flow Frequency</b> (based on HECWRC implementation of Bulletin 17B, n = 38, station skew used based on examination of observed data plots)					
Magnitude and Probability of Instantaneous Peak Flow					
Discharge, in cfs, for Indicated Recurrence Interval					
2-year	5-year	10-year	20-year	50-year	100-year
1,070	3,960	7,100	11,000	17,300	22,800

## Flood Control District of Maricopa County ALERT System

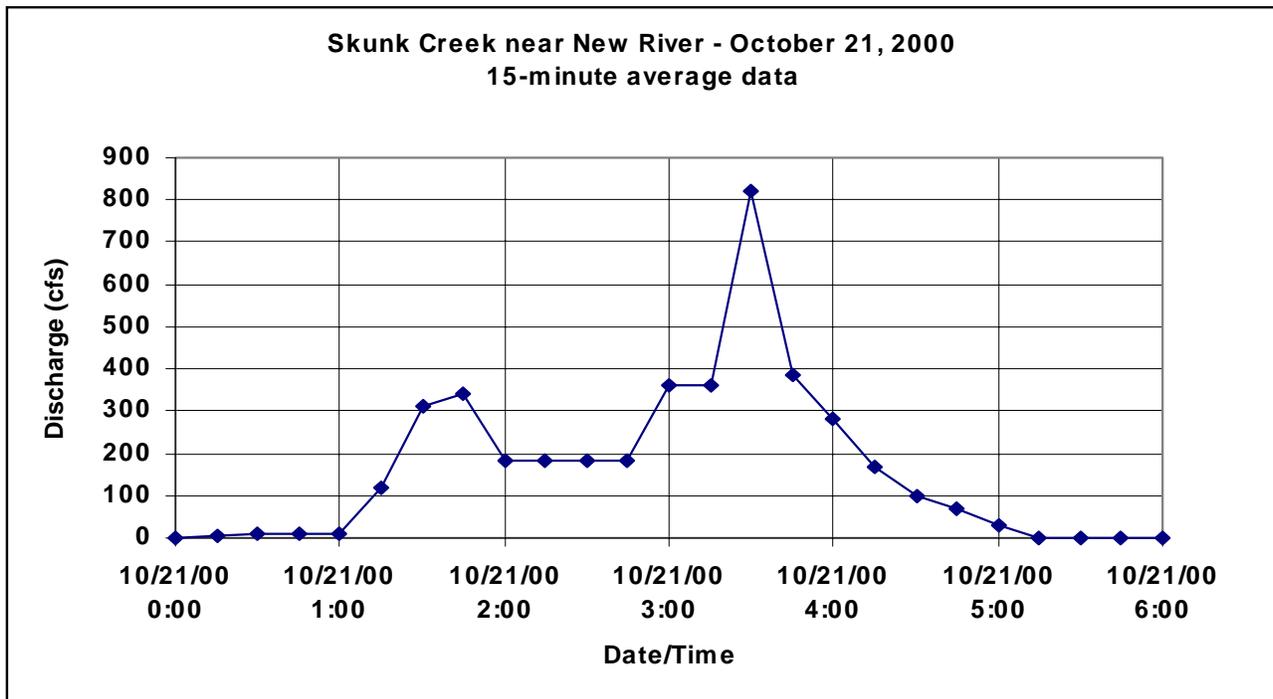
### Computation of Continuous Records of Streamflow

**Station Number:** 5588      **Name:** Skunk Creek near New River  
**Drainage Area:** 4 mi<sup>2</sup> (approximate)  
**Period of Record:** June 21, 1995 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

#### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/22		821	3.49	08/14		325	2.04

#### Hydrograph of October 21, 2000 event



## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Streamflow

**Station Number:** 5588      **Name:** Skunk Creek near New River  
**Drainage Area:** 4 mi<sup>2</sup> (approximate)  
**Period of Record:** June 21, 1995 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6	---											
7	---					10						
8												
9												
10												
11												
12				6								
13	---										1	
14	---				30						21	
15											18	
16				3								
17	---											
18	---											
19												
20												
21												
22	356											
23	160											
24	39											
25												
26												
27	26			13								
28				3	28							
29					---					5		
30	38				---					8		
31	24	---			---		---		---			---
-----												
TOTAL	643	0	0	24	58	10	0	0	0	14	41	0
MEAN	21	0	0	1	2	0	0	0	0	0	1	0
MAX	821	0	0	38	93	44	0	0	0	176	325	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	1276	0	0	48	115	20	0	0	0	27	81	0
-----												
WTR YR 2001	TOTAL	790	MEAN	2	MAX	821	MIN	0	AC_FT	1567		

**NOTE: ID number changed from 5583 to 5588 during Water Year 2001. All historic data moved to ID 5588.**

Flood Flow Frequency		
Magnitude and Probability of Instantaneous Peak Flow		
Discharge, in cfs, for Indicated Recurrence Interval		
<b>10-year</b>	<b>50-year</b>	<b>100-year</b>
<b>1,730</b>	<b>2,500</b>	<b>3,650</b>

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 5598      **Name:** New River @ Bell  
**Drainage Area:** 185 mi<sup>2</sup>, of which 164 mi<sup>2</sup> are controlled by New River Dam  
**Period of Record:** April 4, 1990 to current year\*  
**Revised Records:** WY1996, WY1995  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/24		396	1.00	10/28		430	1.55
10/31		363	0.95	03/07		155	0.60

### Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		187										
2		55										
3		39										
4												
5												
6												
7						41						
8						56						
9						89						
10						18						
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22	137											
23	290											
24	203											
25	300											
26	96											
27	92											
28	387											
29	182											
30	58											
31	230	---										
-----												
TOTAL	1976	281	0	0	0	204	0	0	0	0	0	0
MEAN	64	9	0	0	0	7	0	0	0	0	0	0
MAX	430	268	0	33	0	155	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	3919	557	0	0	0	405	0	0	0	0	0	0
-----												
<b>WTR YR 2001</b>	<b>TOTAL</b>	<b>2460</b>	<b>MEAN</b>	<b>7</b>	<b>MAX</b>	<b>430</b>	<b>MIN</b>	<b>0</b>	<b>AC_FT</b>	<b>4880</b>		

<b>Flood Flow Frequency</b> (based on HEC-1 analysis by R. W. Cruff, 1995)					
Magnitude and Probability of Instantaneous Peak Flow					
Discharge, in cfs, for indicated Recurrence Interval					
2-year	5-year	10-year	25-year	50-year	100-year
<b>1,920</b>	<b>6,510</b>	<b>11,700</b>	<b>21,200</b>	<b>30,500</b>	<b>41,800</b>

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 5613      **Name:** New River Outlet

**Drainage Area:** 164 mi<sup>2</sup>

**Period of Record:** November 1987 to current year

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/27		411	5.82	03/08		133	4.07

### Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		227				38						
2		67				82						
3		8				41						
4		4				10						
5		3				4						
6		2				3						
7				---		3						
8						105						
9						88						
10						40						
11						18			---			
12						28			---			
13						16			---			
14						5						
15						4						
16			---			2						
17			---			1						
18					3							
19					20							
20					15							
21					4							
22	223				3							
23	289				2							
24	240				1							
25	283											
26	88											
27	117											
28	360											
29	171				---							
30	49				---							
31	265	---			---		---		---			---
-----												
TOTAL	2083	311	0	0	46	488	0	0	0	0	0	0
MEAN	67	10	0	0	2	16	0	0	0	0	0	0
MAX	411	120	0	0	24	133	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	4132	617	0	0	92	968	0	0	0	0	0	0

**WTR YR 2001    TOTAL    2929    MEAN    8    MAX    411    MIN    0    AC\_FT    5809**

**See also Pool Level and Storage Volume Data.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 5968      **Name:** StoneRidge Dam

**Drainage Area:** 0.86 mi<sup>2</sup>

**Period of Record:** December 11, 1996 to current date

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27	1											
28												
29					---					3		
30					---							
31		---			---		---		---			---
TOTAL	1	0	0	0	0	0	0	0	0	3	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	39	0	0	0	0	4	0	0	0	49	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	2	0	0	0	0	0	0	0	0	5	0	0
WTR YR 2001	TOTAL		4	MEAN	0	MAX	49	MIN	0	AC_FT		7

**See also Pool Level and Storage Volume Data.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 5973      **Name:** SunRidge Canyon Dam

**Drainage Area:** 1.6 mi<sup>2</sup>

**Period of Record:** February 4, 1997 to current year

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values														
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11						---									
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23										---					
24															
25															
26															
27	1														
28															
29					---					2					
30					---					7					
31		---			---		---		---			---			
TOTAL	1	0	0	0	0	0	0	0	0	8	0	0			
MEAN	0	0	0	0	0	0	0	0	0	0	0	0			
MAX	28	0	0	0	0	19	0	0	0	35	0	0			
MIN	0	0	0	0	0	0	0	0	0	0	0	0			
AC_FT	2	0	0	0	0	0	0	0	0	17	0	0			
WTR YR 2001	TOTAL		10	MEAN		0	MAX		35	MIN		0	AC_FT		19

**See also Pool Level and Storage Volume Data.**

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 5978      **Name:** GoldenEaglePark Dam  
**Drainage Area:** 7.13 mi<sup>2</sup> of which 2.02 mi<sup>2</sup>, 2.13 mi<sup>2</sup>, and 1.6 mi<sup>2</sup> are controlled by Aspen, North Heights, and Sunridge Canyon Dams respectively.  
**Period of Record:** December 12, 1996 to current year  
Discharge, in cub, Water Year 2001 --- October 2000 to September 2001

### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
03/07		375	4.94	07/29		399	5.20

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			---		---	---						
2			---			---						64
3			---			---						79
4	2		---			---						
5			---				24					
6			---				72					
7			---			154						
8			---			1						
9			---	2							9	
10	4		---			39						
11	3		---									
12												
13												
14												21
15												96
16												
17												
18												
19		---										
20		---										
21	3	---					6					
22	4	---										
23		---										
24		---										
25		---										
26	3	---										
27	9	---		2								
28	1	---		1	---							
29		---			---					28		
30	1	---			---					13	27	
31		---		---	---		---		---		51	---
-----												
TOTAL	29	0	0	5	0	195	102	0	0	40	87	260
MEAN	1	0	0	0	0	6	3	0	0	1	3	9
MAX	136	0	0	26	0	375	244	0	0	399	249	192
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	58	0	0	10	0	386	202	0	0	80	173	517
-----												
WTR YR 2001	TOTAL		719	MEAN	2	MAX	399	MIN	0	AC_FT	1425	

See also Pool Level and Storage Volume Data.

**NOTE:** Dam was breached for construction in May 2000 with the gage being reinstalled at the new outlet on March 5, 2001. During construction, the gage was moved to the north inlet channel and behind the temporary construction berm. Data for October 1, 2000 through March 5, 2001 represented flow in that channel. Flows after March 5, 2001 are from the outlet at the dam.

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 5983      **Name:** North Heights Dam

**Drainage Area:** 2.13 mi<sup>2</sup>

**Period of Record:** October 11, 1996 to current year

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

***No significant flow or impound during Water Year 2001***

DAY	Daily Mean Values												
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29					---								
30					---								
31		---			---		---		---			---	
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	
MAX	0	0	0	0	0	0	0	0	0	0	5	11	
MIN	0	0	0	0	0	0	0	0	0	0	0	0	
AC_FT	0	0	0	0	0	0	0	0	0	0	0	1	
WTR YR 2001	TOTAL		0	MEAN		0	MAX	11	MIN		0	AC_FT	1

**See also Pool Level and Storage Volume Data.**

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 5988      **Name:** Aspen Dam

**Drainage Area:** 2.02 mi<sup>2</sup>

**Period of Record:** January 2, 1997 to current year

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values												
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1						---		---					
2						---	---						
3						---							
4						---							
5													
6													
7						1							
8					---								
9													
10													
11													
12						---							
13													
14													
15													
16													
17								---					
18								---					
19								---					
20								---					
21													
22													
23													
24					---								
25													
26								---					
27	3							---					
28								---					
29					---								
30					---								
31		---			---		---		---			---	
TOTAL	4	0	0	0	0	1	0	0	0	0	0	0	
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	
MAX	36	0	0	0	0	8	0	0	0	8	0	0	
MIN	0	0	0	0	0	0	0	0	0	0	0	0	
AC_FT	7	0	0	0	0	2	0	0	0	0	0	0	
WTR YR 2001	TOTAL		5	MEAN		0	MAX	36	MIN		0	AC_FT	10

**See also Pool Level and Storage Volume Data.**

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 5993      **Name:** Hesperus Dam

**Drainage Area:** 2.91 mi<sup>2</sup>

**Period of Record:** December 18, 1996 to current year

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### One recorded flow and impoundment during Water Year 2001

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1													
2													
3													
4													
5													
6													
7													
8													
9								---					
10								---					
11								---					
12													
13													
14													
15													
16													
17								---					
18													
19							---						
20													
21													
22													
23													
24													
25													
26													
27	3												
28													
29					---								
30					---								
31		---			---		---		---			---	
TOTAL	3	0	0	0	0	0	0	0	0	0	0	0	
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	
MAX	45	0	0	0	0	13	0	0	0	0	0	0	
MIN	0	0	0	0	0	0	0	0	0	0	0	0	
AC_FT	5	0	0	0	0	0	0	0	0	0	0	0	
<b>WTR YR 2001</b>	<b>TOTAL</b>		<b>3</b>	<b>MEAN</b>		<b>0</b>	<b>MAX</b>	<b>45</b>	<b>MIN</b>		<b>0</b>	<b>AC_FT</b>	<b>5</b>

**See also Pool Level and Storage Volume Data.**

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 6503      **Name:** Guadalupe FRS  
**Drainage Area:** 1.87 mi<sup>2</sup>  
**Period of Record:** June 29, 1989 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

*No recorded flow or impoundment during Water Year 2001*

DAY	Daily Mean Values													
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0		
MEAN	0	0	0	0	0	0	0	0	0	0	0	0		
MAX	0	0	0	0	0	0	0	0	0	0	0	0		
MIN	0	0	0	0	0	0	0	0	0	0	0	0		
AC_FT	0	0	0	0	0	0	0	0	0	0	0	0		
-----														
WTR YR 2001	TOTAL	0		MEAN	0		MAX	0		MIN	0		AC_FT	0

**NOTE: Gated outlet assumed closed.**

**See also Pool Level and Storage Volume Data.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Streamflow

**Station Number:** 6563      **Name:** South Mountain Fan

**Drainage Area:** 1.98 mi<sup>2</sup>

**Period of Record:** June 9, 1993 to current year

**Revised Records:** WY1996: WY1995

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values														
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
TOTAL	1	0	0	0	0	0	0	0	0	0	0	0			
MEAN	0	0	0	0	0	0	0	0	0	0	0	0			
MAX	14	0	0	0	0	0	0	0	0	0	0	0			
MIN	0	0	0	0	0	0	0	0	0	0	0	0			
AC_FT	2	0	0	0	0	0	0	0	0	0	0	0			
WTR YR 2001	TOTAL	4		MEAN	0		MAX	14		MIN	0		AC_FT	7	

<b>Flood Flow Frequency</b>					
<b>(based on HEC-1 analysis, 1997)</b>					
Magnitude and Probability of Instantaneous Peak Flow					
Discharge, in cfs, for indicated Recurrence Interval					
2-year	5-year	10-year	25-year	50-year	100-year
300	650	990	1,500	2,000	2,400

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 6573      **Name:** EMF @ Broadway

**Drainage Area:** 15.4 mi<sup>2</sup>

**Period of Record:** August 10, 1989 to current year

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/10		504	1.62	10/27		520	1.65

### Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6							5					
7						28						
8						1						
9												
10	95											
11	8											
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22	16											
23												
24												
25												
26												
27	124			1								
28	8											
29						---						
30						---						
31		---				---	---		---			---
-----												
TOTAL	252	0	0	1	0	29	5	0	0	0	0	0
MEAN	8	0	0	0	0	1	0	0	0	0	0	0
MAX	520	0	0	4	0	118	9	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	499	0	0	2	0	57	9	0	0	0	0	0
-----												
WTR YR 2001	TOTAL	286	MEAN	1	MAX	520	MIN	0	AC_FT	567		

# Flood Control District of Maricopa County ALERT System

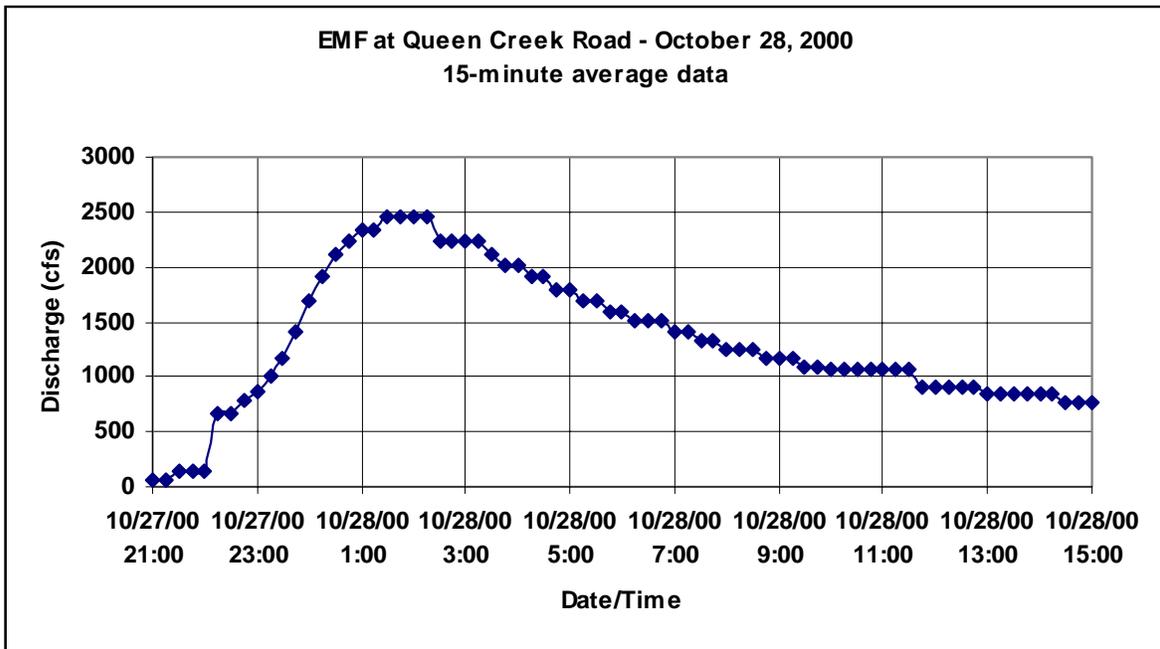
## Computation of Continuous Records of Streamflow

**Station Number:** 6583      **Name:** EMF @ Queen Creek  
**Drainage Area:** 104.6 mi<sup>2</sup>  
**Period of Record:** January 18, 1989 to current year  
**Revised Records:** WY2000:WY1998-1999  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u> <u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u> <u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/22	574	1.65	10/28	2,459	3.80
11/07	560	1.62			

#### Hydrograph of October 28, 2000 event



# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 6583      **Name:** EMF @ Queen Creek  
**Drainage Area:** 104.6 mi<sup>2</sup>  
**Period of Record:** January 18, 1989 to current year  
**Revised Records:** WY2000:WY1998-1999  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		116										
2		91										
3		74										
4		60										
5		17										
6		60				---						
7		476				---						
8		295				130						
9		195				82						
10		128				71						
11		95				65						
12		85				35						
13		80										
14		49		77								
15		20		59								
16				64								
17				87		---						
18				72								
19				49					---			
20					---				---			
21												
22	265											
23	307											
24	258											
25	115											
26	82											
27	143											
28	1230			76								
29	438			75	---							
30	290			50	---							
31	179	---			---		---		---			---
TOTAL	3307	1869	0	608	0	376	0	0	0	0	0	0
MEAN	107	62	0	20	0	12	0	0	0	0	0	0
MAX	2459	560	0	115	0	152	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	6560	3707	0	1206	0	746	0	0	0	0	0	0
WTR YR 2001	TOTAL	6161	MEAN	17	MAX	2459	MIN	0	AC_FT	12219		

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 6598      **Name:** EMF @ Arizona Ave.  
**Drainage Area:** 214 mi<sup>2</sup> (at Hunt Highway, 8 miles upstream.)  
**Period of Record:** February 10, 1989 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Peak</u>	<u>Day</u>	<u>Peak</u>	<u>Peak</u>
<u>Discharge (cfs)</u>	<u>Gage</u>	<u>Ht. (feet)</u>	<u>Discharge (cfs)</u>	<u>Gage</u>	<u>Ht. (ft.)</u>
10/28	817	1.65	11/07	286	0.95

### Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		71										
2		42										
3		15										
4		2										
5												
6												
7		126										
8		152					---					
9		114										
10		93				14						
11		64										
12		41										
13		16		2								
14		13										
15		2										
16												
17												
18												
19				11								
20				2								
21												
22												
23	88											
24	136											
25	132											
26	90											
27	59			3								
28	357			3								
29	227					---						
30	148			9		---						
31	102	---				---	---		---			---
-----												
TOTAL	1338	751	0	30	0	15	0	0	0	0	0	0
MEAN	43	25	0	1	0	0	0	0	0	0	0	0
MAX	817	286	0	48	0	41	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	2655	1489	0	59	0	29	0	0	0	0	0	0
-----												
WTR YR 2001	TOTAL	2134	MEAN	6	MAX	817	MIN	0	AC_FT	4232		

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Streamflow

**Station Number:** 6603      **Name:** Guadalupe Channel  
**Drainage Area:** 13.7 mi<sup>2</sup> (discharge under US 60 limited to 1,800 cfs; drainage area downstream of US 60 about 1.5 mi<sup>2</sup> (1.2 mi<sup>2</sup> east of Sossaman Road and south of US 60.)

**Period of Record:** August 7, 1998 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

#### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage</u>	<u>Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage</u>	<u>Ht. (ft.)</u>
10/22		235		1.25	10/27		526		1.98

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2						---						
3						---					---	
4												
5												
6		38										
7		43				13						
8		3										
9		1										
10												
11												
12				1								
13				2								
14			---									
15												
16				20								
17											---	
18											---	
19											---	
20												
21	33											
22	38											
23	1											
24												
25												
26												
27	94			7						---		
28	11											6
29						---						5
30						---						4
31		---				---	---		---			---
TOTAL	178	85	0	30	0	13	0	0	0	0	0	14
MEAN	6	3	0	1	0	0	0	0	0	0	0	0
MAX	526	131	0	100	0	100	0	0	0	0	0	15
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	354	169	0	59	0	26	0	0	0	0	0	29
WTR YR 2001	TOTAL	321	MEAN	1	MAX	526	MIN	0	AC_FT	637		

<b>Flood Flow Frequency (from design sheets)</b>
Magnitude and Probability of Instantaneous Peak Flow
Discharge, in cfs, for Indicated Recurrence Interval
100-year
2,400

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 6628      **Name:** Signal Butte FRS  
**Drainage Area:** 16.4 mi<sup>2</sup> not including area from Apache Junction FRS  
**Period of Record:** November 10, 1987 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

*No recorded flows or impounds during Water Year 2001*

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	TOTAL	0	MEAN	0	MAX	0	MIN	0	AC_FT	0		0

**See also Pool Level and Storage Volume Data.**

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 6673      **Name:** Apache Jct. FRS  
**Drainage Area:** 5.8 mi<sup>2</sup>  
**Period of Record:** November 1987 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values														
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
1															
2															
3		1													
4		3													
5		3													
6		3													
7		1													
8															
9															
10															
11															
12															
13								---							
14															
15															
16				1											
17															
18															
19	3														
20															
21	6														
22	10														
23															
24															
25															
26															
27	9														
28	5											---			
29					---							---			
30					---							---			
31		---			---		---		---			---			
TOTAL	33	12	0	1	0	0	0	0	0	0	0	0			
MEAN	1	0	0	0	0	0	0	0	0	0	0	0			
MAX	26	7	0	3	0	4	0	0	0	0	0	0			
MIN	0	0	0	0	0	0	0	0	0	0	0	0			
AC_FT	65	24	0	2	0	1	0	0	0	0	0	0			
WTR YR 2001	TOTAL		47	MEAN		0	MAX		26	MIN		0	AC_FT		92

**See also Pool Level and Storage Volume Data.**

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 6683      **Name:** Powerline FRS  
**Drainage Area:** 49.9 mi<sup>2</sup>  
**Period of Record:** December 3, 1992 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		2										
2												
3								---				
4								---				
5								---				
6		3						---				
7		9				2						
8		4				2						
9		4		3								
10	1	1										
11												
12												
13												
14												
15												
16				1								
17				1							1	
18												
19												
20												
21	5											
22	25											
23	17											
24	11											
25	4											
26												
27	8			2								
28	27			1								
29	17				---							
30	11				---					2		
31	6	---			---		---		---			---
TOTAL	131	24	0	9	0	4	0	0	0	2	1	0
MEAN	4	1	0	0	0	0	0	0	0	0	0	0
MAX	32	11	0	6	0	5	0	0	0	2	4	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	261	48	0	17	0	8	0	0	0	4	3	0
WTR YR 2001	TOTAL	172	MEAN	0	MAX	32	MIN	0	AC_FT	340		

**See also Pool Level and Storage Volume Data.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Streamflow

**Station Number:** 6688      **Name:** Vineyard FRS  
**Drainage Area:** 57.8 mi<sup>2</sup>  
**Period of Record:** November 1987 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		20										
2		13										
3		7										
4		5										
5		3										
6		18										
7		63										
8		56										
9		41										
10		28										
11		18										
12		11										
13		6										
14		4										
15		3						---				
16		2						---				
17		1						---				
18												
19												
20												
21	1											
22	5											---
23	14											---
24	18											
25	11											
26	6											
27	16											
28	57											
29	51				---							
30	37				---					1		
31	28	---			---		---		---	1		---
TOTAL	245	301	0	1	0	1	1	0	0	2	0	0
MEAN	8	10	0	0	0	0	0	0	0	0	0	0
MAX	61	65	0	1	0	1	0	0	0	2	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	486	596	0	2	0	2	1	0	0	4	0	0
WTR YR 2001	TOTAL	550	MEAN	2	MAX	65	MIN	0	AC_FT	1092		

**See also Pool Level and Storage Volume Data.**

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 6703      **Name:** Rittenhouse FRS  
**Drainage Area:** 51.3 mi<sup>2</sup>  
**Period of Record:** September 27, 1988 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		2										
2		1										
3												
4												
5												
6		28										
7		83				14						
8		42				4						
9		3		10		1						
10	2	1		2								
11												
12				5								
13												
14												
15												
16				1								
17				1							12	
18												
19	1											
20												
21	9											
22	84											
23	59											
24	6											
25	2											
26												
27	26			10								
28	82			1								
29	45					---						
30	4					---						
31	23	---				---		---		---		---
TOTAL	344	160	0	30	0	19	0	0	0	0	12	0
MEAN	11	5	0	1	0	1	0	0	0	0	0	0
MAX	89	91	0	31	0	36	2	0	0	0	32	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	683	318	0	60	0	37	1	0	0	0	23	0
WTR YR 2001	TOTAL	565	MEAN	2	MAX	91	MIN	0	AC_FT	1121		

**See also Pool Level and Storage Volume Data.**

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 6707\*      **Name:** Queen Creek at Rittenhouse Road  
**Drainage Area:** Undetermined  
**Period of Record:** September 14, 1993 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

***No recorded flow during Water Year 2001***

TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	0	0	0	0
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
WTR YR 2001	TOTAL	0	MEAN	0	MAX	0	MIN	0	AC_FT	0			

\* Gage ID number changed during Water Year 1997 from 6713 to 6707 to mitigate radio interference problems.

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 6723      **Name:** Queen Creek @ CAP  
**Drainage Area:** 256 mi<sup>2</sup>  
**Period of Record:** January 14, 1999 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

Peak			Peak		
Day	Discharge (cfs)	Gage Ht. (feet)	Day	Discharge (cfs)	Gage Ht. (ft.)
10/22	454	4.65	10/28	445	4.60
11/06	600	5.47	08/14	440	4.57

### Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6		106										
7		325										
8		10										
9		1										
10												
11												
12												
13												
14											358	
15											141	
16											1	
17											1	
18											1	
19												
20												
21	10											
22	341											
23	63											
24												
25												
26												
27	26											
28	233											
29	3											
30												
31	54	---							---			---
-----												
TOTAL	730	443	0	0	0	0	0	0	0	0	503	0
MEAN	24	15	0	0	0	0	0	0	0	0	16	0
MAX	454	600	0	0	0	0	0	0	0	0	440	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	1447	879	0	0	0	0	0	0	0	0	998	0
-----												
<b>WTR YR 2001</b>	<b>TOTAL</b>	<b>1676</b>	<b>MEAN</b>	<b>5</b>	<b>MAX</b>	<b>600</b>	<b>MIN</b>	<b>0</b>	<b>AC_FT</b>	<b>3324</b>		

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 6739      **Name:** Whitlow Ranch Dam  
**Drainage Area:** 143 mi<sup>2</sup>  
**Period of Record:** FCDMC – January 8, 1998 to current year\*  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			---									
2			---						---			
3			---									
4			---									
5			---									
6			---									
7	1		---									
8			---									
9			---									
10			---	---		27					---	
11	---		---			62					---	
12											---	
13				---							---	
14				---							64	28
15				---							40	
16				---								
17												
18	1	---				---						
19		---										
20	1	---										
21		---	---									
22		---										
23		---										
24	1	---										
25		---			---							
26		---										
27		---						---				
28	1	---										
29		---			---							
30		---			---							
31		---			---		---		---			---
TOTAL	6	0	0	0	0	89	0	0	0	0	76	28
MEAN	0	0	0	0	0	3	0	0	0	0	2	1
MAX	1	0	0	0	0	97	0	0	0	0	67	82
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	12	0	0	0	0	177	0	0	0	0	150	55

**WTR YR 2001    TOTAL        199    MEAN            1    MAX            97    MIN            0    AC\_FT        394**

**NOTE: Gage becomes disconnected from the USACOE gaging equipment on occasion. There may have been several impoundments behind the dam during the water year that may not have been recorded by FCDMC gaging equipment. For more information, refer to the U.S. Army Corps of Engineers, Los Angeles District.**

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 6813      **Name:** Buckeye FRS #3  
**Drainage Area:** 9.3 mi<sup>2</sup>  
**Period of Record:** November 23, 1992 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

Daily Mean Values															
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
-----															
5															
6										1					
7															
-----															
TOTAL	0	0	0	0	0	0	0	0	0	1	0	0			
MEAN	0	0	0	0	0	0	0	0	0	0	0	0			
MAX	0	0	0	0	0	0	0	0	0	8	0	0			
MIN	0	0	0	0	0	0	0	0	0	0	0	0			
AC_FT	0	0	0	0	0	0	0	0	0	3	0	0			
-----															
WTR YR 2001	TOTAL		1	MEAN		0	MAX		8	MIN		0	AC_FT		3

**See also Pool Level and Storage Volume Data.**

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 6823      **Name:** White Tanks #4 FRS  
**Drainage Area:** 18.6 mi<sup>2</sup> (White Tanks ADMS)  
**Period of Record:** November 1987 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

*No recorded flows or impoundments during Water Year 2001*

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	TOTAL	0	MEAN	0	MAX	0	MIN	0	AC_FT	0		

**See also Pool Level and Storage Volume Data.**

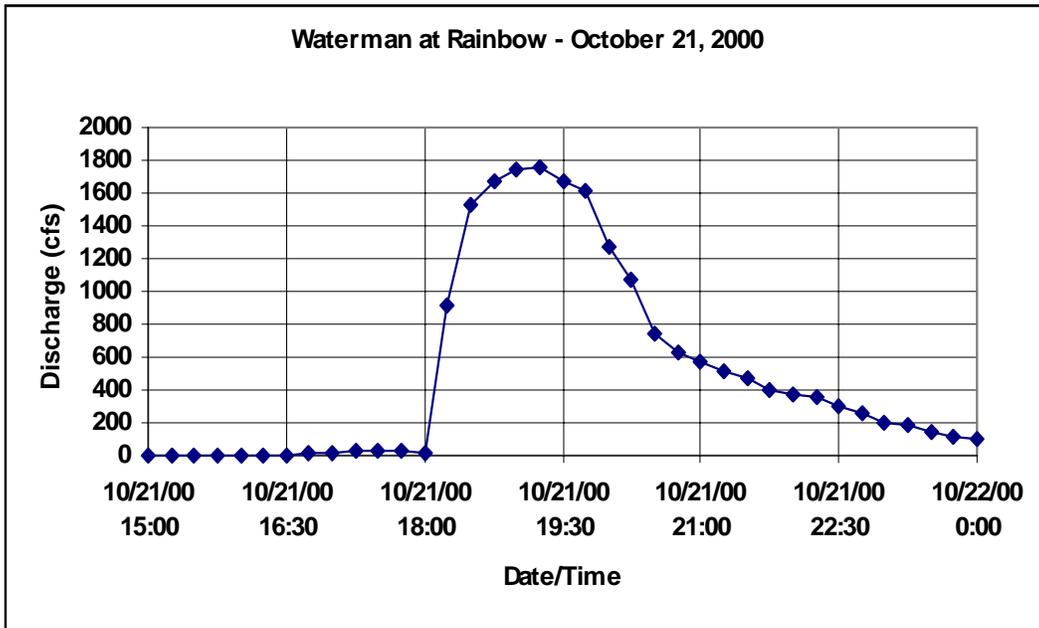
## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 6833      **Name:** Waterman @ Rainbow  
**Drainage Area:** 362 mi<sup>2</sup>  
**Period of Record:** March 18, 1999 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak discharge of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/21		1,760	8.52	11/06		257	3.88

*Hydrograph for October 21, 2000 event:*



## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 6833      **Name:** Waterman @ Rainbow

**Drainage Area:** 362 mi<sup>2</sup>

**Period of Record:** March 18, 1999 to current year

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							7	3	1	33		23
2						1	6	1	2	7		20
3						4	7		1			30
4						2	6		1			30
5						1	4		1			30
6		37		2		2	4		1	33		26
7		10				3	4		1			29
8						1	4		1			10
9							3		1			11
10							4		2			14
11							2	1	3			23
12					3		1	7	2			4
13					1		1	5	1			
14					1		1	3	1			
15					5	1	1	7	1			
16					7		2	2	2			
17			5		6		4	3	2			
18			9		7	1	3	1	1			
19			8		7	1	1	2	1			
20			3		4	5	1	2	4			
21	178		3		6	3		1	1			
22	52		3		5	3	1		1			
23	26				1	3	4	1	1			
24	29				1	6	6	1	1			
25	5				1	5	2	1	1			
26	2					5	5	1	1			
27	17					4	6	1	1			
28	7					4	7		1	20		
29	1		4		---	5	4		1			
30					---	6	4		1	28		
31		---			---	5	---		---			---
TOTAL	325	59	45	14	62	74	102	47	36	121	0	250
MEAN	10	2	1	0	2	2	3	2	1	4	0	8
MAX	1760	257	12	3	11	9	10	9	11	118	0	42
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	645	118	90	29	123	146	203	94	71	240	0	497
WTR YR 2001	TOTAL	1137	MEAN	3	MAX	1760	MIN	0	AC_FT	2255		

**NOTE: Many days of irrigation tailwater flows at this site.**

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 6848      **Name:** Gila R. @ 116th Ave  
**Drainage Area:** 43,300 mi<sup>2</sup> (approximate)  
**Period of Record:** December 21, 1998 to current year\*  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

**No recorded flow during Water Year 2001**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0			
MEAN	0	0	0	0	0	0	0	0	0	0	0	0			
MAX	0	0	0	0	0	0	0	0	0	0	0	0			
MIN	0	0	0	0	0	0	0	0	0	0	0	0			
AC_FT	0	0	0	0	0	0	0	0	0	0	0	0			
WTR YR 2001	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

**\*Gage installed on December 21, 1998, replacing FCDMC gage #6863 at the old 115th Avenue Gila River crossing. Old gage was in service from November 6, 1997 until installation of new gage 6848.**

**\*\*An undetermined amount of flow occurs more or less continually at this location below the gage.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Streamflow

**Station Number:** 6853      **Name:** Gila @ Estrella Pky  
**USGS Gage:** 09514100 (Gila River at Estrella Parkway nr Goodyear, AZ)  
**Drainage Area:** 45,585 mi<sup>2</sup>

See *USGS Water-Data Report AZ-01-1* for data for this site.

<b>Flood Flow Frequency</b>				
<b>(source: Table 2-4 from <i>Study for Modified Roosevelt Dam</i>)</b>				
Magnitude and Probability of Instantaneous Peak Flow				
Discharge, in cfs, for Indicated Recurrence Interval				
5-year	10-year	20-year	50-year	100-year
20,000	50,000	84,000	170,000	217,000

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 6863      **Name:** Bullard Wash

**Drainage Area:** Undetermined

**Period of Record:** March 30, 2000 to current year

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

***No recorded flow at this location during Water Year 2001***

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
TOTAL	---	---	---	---	---	0	0	0	0	0	0	0		
MEAN	---	---	---	---	---	0	0	0	0	0	0	0		
MAX	---	---	---	---	---	0	0	0	0	0	0	0		
MIN	---	---	---	---	---	0	0	0	0	0	0	0		
AC_FT	---	---	---	---	---	0	0	0	0	0	0	0		
WTR YR 2001	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT	0

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 6893      **Name:** Estrella Fan

**Drainage Area:** 1.0 mi<sup>2</sup>

**Period of Record:** April 30, 1993 to current year

**Revised Records:** WY1997: WY1996

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### No recorded flows during Water Year 2001

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	TOTAL		0	MEAN	0	MAX	0	MIN	0	AC_FT		0

<b>Flood Flow Frequency</b>					
<b>(based on HEC-1 analysis, 1997)</b>					
Magnitude and Probability of Instantaneous Peak Flow					
Discharge, in cfs, for indicated Recurrence Interval					
2-year	5-year	10-year	25-year	50-year	100-year
310	860	1,280	1,800	2,250	2,710

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 6923      **Name:** Sauceda Wash  
**Drainage Area:** 126 mi<sup>2</sup>  
**Period of Record:** February 28, 1990 to current year\*  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6		5										
7												
8										13		
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	5	0	0	0	0	0	0	0	13	6	6
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	113	0	0	0	0	0	0	0	120	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	10	0	0	0	0	0	0	0	27	11	11
WTR YR 2001	TOTAL	30	MEAN	0	MAX	120	MIN	0	AC_FT	59		

\* USGS maintained a crest stage gage at this location from 11/27/1963 to 09/30/1979. In 1990, a joint USGS/FCDMC continuous station was installed. The USGS continuous station was discontinued 10/01/1994. Since Water Year 1995, the continuous station has been operated by the FCDMC and the crest stage gage by the USGS.

\*\* See also USGS crest stage gage, 09519760, data for this site.

Flood Flow Frequency (based on HECWRC implementation of Bulletin 17B, n = 25, station skew used based on examination of observed data plots)					
Magnitude and Probability of Instantaneous Peak Flow					
Discharge, in cfs, for indicated Recurrence Interval					
2-year	5-year	10-year	25-year	50-year	100-year
530	1,640	2,610	3,640	5,020	6,040

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 6933      **Name:** Sand Tank Wash at I-8  
**Drainage Area:** 185 mi<sup>2</sup>  
**Period of Record:** May 31, 2001 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flow of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Peak</u>	<u>Day</u>	<u>Peak</u>	<u>Peak</u>
<u>Discharge (cfs)</u>	<u>Gage</u>	<u>Ht. (feet)</u>	<u>Discharge (cfs)</u>	<u>Gage</u>	<u>Ht. (ft.)</u>
09/13	925*	3.20*			

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---				
2	---	---	---	---	---	---	---	---				
3	---	---	---	---	---	---	---	---				
4	---	---	---	---	---	---	---	---				
5	---	---	---	---	---	---	---	---				
6	---	---	---	---	---	---	---	---				
7	---	---	---	---	---	---	---	---				
8	---	---	---	---	---	---	---	---				
9	---	---	---	---	---	---	---	---				
10	---	---	---	---	---	---	---	---				
11	---	---	---	---	---	---	---	---				
12	---	---	---	---	---	---	---	---				
13	---	---	---	---	---	---	---	---				49
14	---	---	---	---	---	---	---	---				
15	---	---	---	---	---	---	---	---				
16	---	---	---	---	---	---	---	---				
17	---	---	---	---	---	---	---	---				
18	---	---	---	---	---	---	---	---				
19	---	---	---	---	---	---	---	---				
20	---	---	---	---	---	---	---	---				
21	---	---	---	---	---	---	---	---				
22	---	---	---	---	---	---	---	---				
23	---	---	---	---	---	---	---	---				
24	---	---	---	---	---	---	---	---				
25	---	---	---	---	---	---	---	---				
26	---	---	---	---	---	---	---	---				
27	---	---	---	---	---	---	---	---				
28	---	---	---	---	---	---	---	---				
29	---	---	---	---	---	---	---	---				
30	---	---	---	---	---	---	---	---				
31	---	---	---	---	---	---	---	---	---			---
TOTAL	---	---	---	---	---	---	---	---	0	0	0	49
MEAN	---	---	---	---	---	---	---	---	0	0	0	2
MAX	---	---	---	---	---	---	---	---	0	0	0	767
MIN	---	---	---	---	---	---	---	---	0	0	0	0
AC_FT	---	---	---	---	---	---	---	---	0	0	0	97
WTR YR 2001	TOTAL		49	MEAN	0	MAX	767	MIN	0	AC_FT	97	

**\*Peak on September 13, 2001 was actually at 3.2 feet gage height with a peak discharge of 925 cfs. The peak was confirmed from an indirect measurement. It is believed the pressure transducer did not operate correctly during the event. No hydrograph included for this event.**

**Gaging established during Water Year 2001 on May 31, 2001.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 6953      **Name:** Rainbow Wash near SR 85  
**Drainage Area:** 16.4 mi<sup>2</sup>  
**Period of Record:** November 14, 2000 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flow of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Peak</u>	<u>Day</u>	<u>Peak</u>	<u>Peak</u>
<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Gage Ht. (feet)</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Gage Ht. (feet)</u>
08/17	648	2.51			

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---								---		
2	---	---										
3	---	---										
4	---	---										
5	---	---										
6	---									7		
7	---					3						
8	---					1						
9	---											
10	---											
11	---											
12	---											
13	---											
14	---											
15	---											
16	---											
17	---										64	
18	---											
19	---											
20	---											
21	---											
22	---											
23	---											
24	---											
25	---											
26	---											
27	---											
28	---											
29	---				---							
30	---				---							
31	---	---			---		---		---			---
-----												
TOTAL	---	0	0	0	0	4	0	0	0	7	64	0
MEAN	---	0	0	0	0	0	0	0	0	0	2	0
MAX	---	0	0	0	0	37	0	0	0	96	648	0
MIN	---	0	0	0	0	0	0	0	0	0	0	0
AC_FT	---	0	0	0	0	8	0	0	0	13	127	0
-----												
WTR YR 2001	TOTAL		75	MEAN	0	MAX	648	MIN	0	AC_FT	148	

**Gaging established during Water Year 2001 on November 6, 2000.**



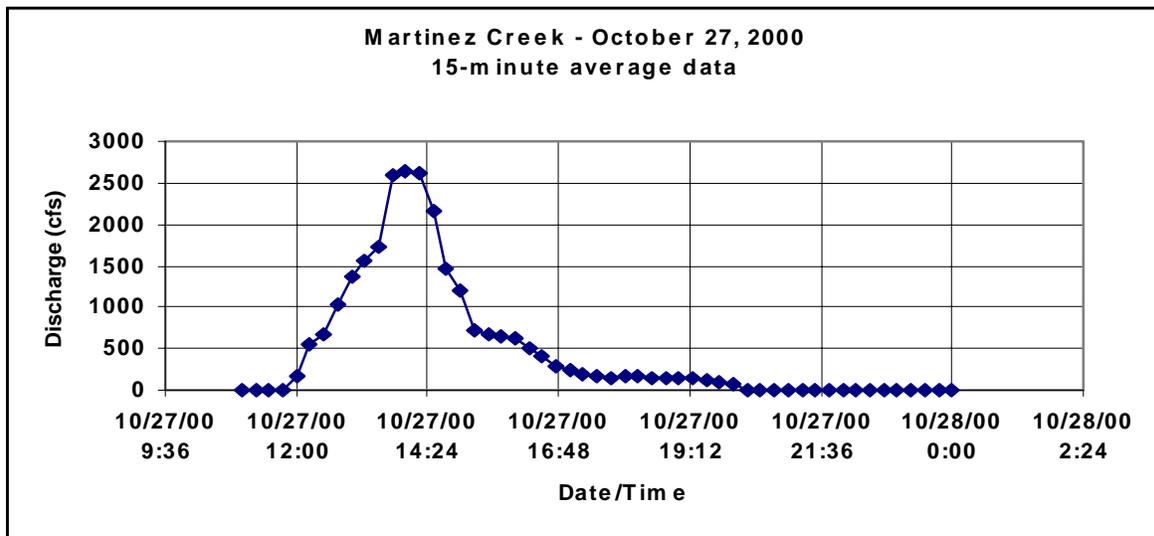
## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 7013      **Name:** Martinez Creek  
**Drainage Area:** 109 mi<sup>2</sup>  
**Period of Record:** November 23, 1994 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/21		890	4.00	10/27		2,650	6.30
08/09		386	2.05				

#### Hydrograph for October 27, 2000 event



**Note:** Flows below about 3,000 cfs are considered approximate at best due to multiple channel configuration of Martinez Creek at the gage location. The rating for flows above 3,000 cfs are still considered poor due to the expanding downstream reach, mobile bed conditions, and the angle of attack of flow at the gage.

<b>Flood Flow Frequency</b>					
<b>(based on R. W. Cruff analysis, 1995 combining FEMA, 1994 and Box Canyon relation shape)</b>					
<b>Magnitude and Probability of Instantaneous Peak Flow</b>					
<b>Discharge, in cfs, for indicated Recurrence Interval</b>					
2-year	5-year	10-year	25-year	50-year	100-year
1,520	5,000	9,220	18,000	27,400	32,000

Continued on next page.

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 7013      **Name:** Martinez Creek  
**Drainage Area:** 109 mi<sup>2</sup>  
**Period of Record:** November 23, 1994 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9											23	
10											15	
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21	69											
22	66											
23												
24												
25												
26												
27	201											
28												
29					---							
30	45				---							
31		---			---		---		---			---
TOTAL	381	0	0	0	0	0	0	0	0	0	38	0
MEAN	12	0	0	0	0	0	0	0	0	0	1	0
MAX	2650	0	0	0	0	0	0	0	0	0	386	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	756	0	0	0	0	0	0	0	0	0	75	0
<b>WTR YR 2001</b>	<b>TOTAL</b>	<b>419</b>	<b>MEAN</b>	<b>1</b>	<b>MAX</b>	<b>2650</b>	<b>MIN</b>	<b>0</b>	<b>AC_FT</b>	<b>832</b>		

# Flood Control District of Maricopa County ALERT System

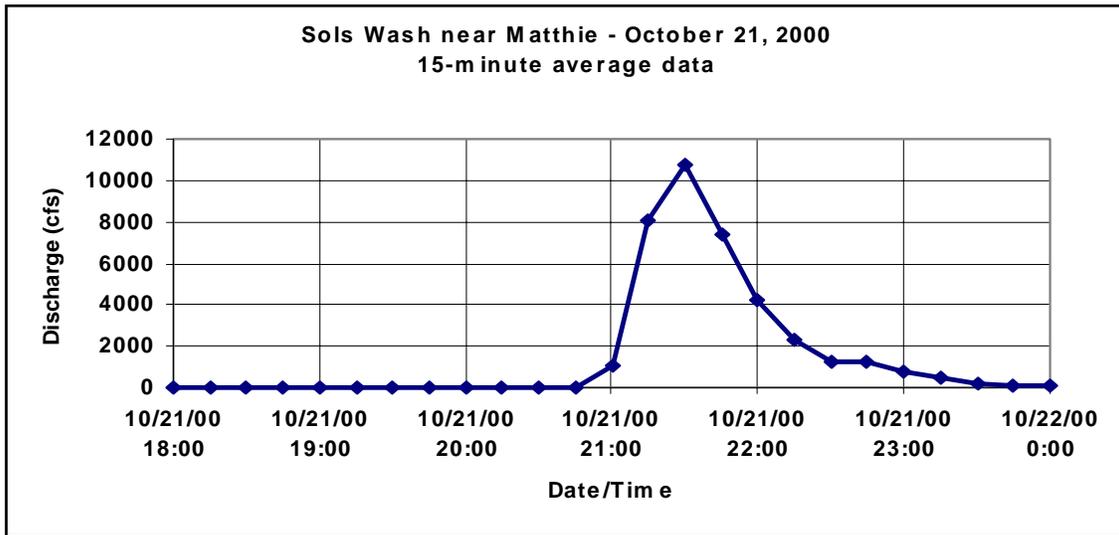
## Computation of Continuous Records of Streamflow

**Station Number:** 7043      **Name:** Sols Wash near Matthie  
**Drainage Area:** 121 mi<sup>2</sup>  
**Period of Record:** August 4, 1995 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

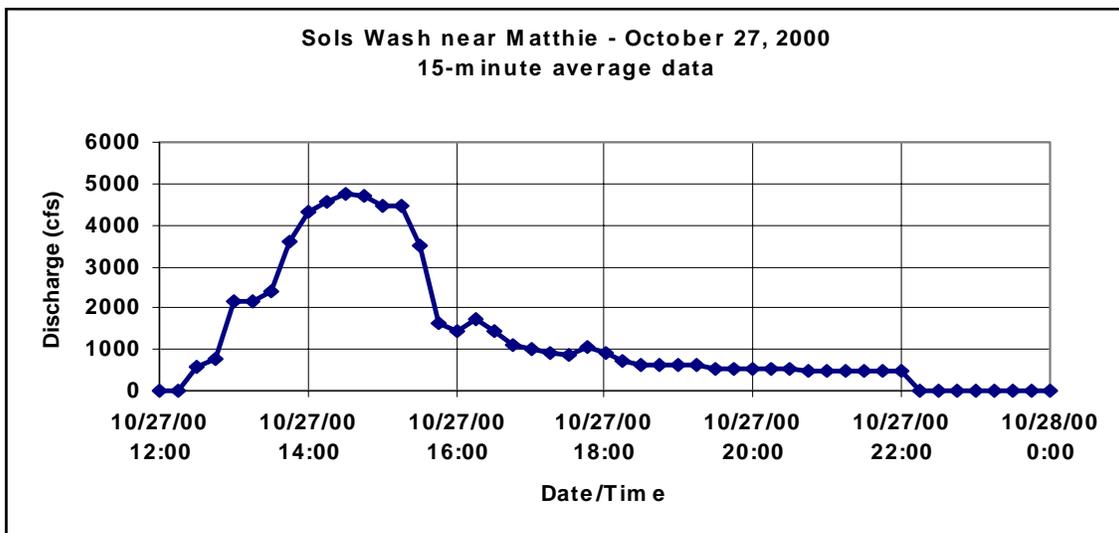
### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/21		10,792	5.15	10/27		4,772	2.70

*Hydrograph for October 22, 2000 event*



*Hydrograph for October 27, 2000 event*



## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 7043      **Name:** Sols Wash near Matthie  
**Drainage Area:** 121 mi<sup>2</sup>  
**Period of Record:** August 4, 1995 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1										---		
2												
3												
4												
5												
6												
7												
8												
9			---									
10			---									
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21	340											
22	872											
23	224											
24												
25												
26												
27	617											
28												
29					---							
30					---				---			
31		---			---		---		---			---
TOTAL	2052	0	0	0	0	0	0	0	0	0	0	0
MEAN	66	0	0	0	0	0	0	0	0	0	0	0
MAX	10792	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	4070	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	TOTAL	2052	MEAN	6	MAX	10792	MIN	0	AC_FT	4070		

Flood Flow Frequency (FEMA Sept. 1995)		
Magnitude and Probability of Instantaneous Peak Flow		
Discharge, in cfs, for indicated Recurrence Interval		
10-year	50-year	100-year
4,800	9,800	12,250

**NOTE: About 500 cfs pass below the gage before detection. On April 22, 2001, the sensor was moved to the low flow channel. Now, about 100 cfs pass below the gage.**





## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 7083      **Name:** Flying E Wash  
**Drainage Area:** 8.5 mi<sup>2</sup> (4 mi<sup>2</sup> partially controlled by three stock tanks)  
**Period of Record:** July 12, 1994 to current year  
**Revised Records:** WY1996: WY1994-1995  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flows of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage</u>	<u>Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage</u>	<u>Ht. (ft.)</u>
10/21*		3,675		5.60	10/27		269		1.75

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
19												
20												
21	15											
22												
23												
24												
25												
26												
27	6				---							
28					---					---		
-----												
TOTAL	21	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	0	0	0	0	0	0	0	0	0	0	0
MAX	517	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	42	0	0	0	0	0	0	0	0	0	0	0
-----												
WTR YR 2001	TOTAL		21	MEAN	0	MAX	517	MIN	0	AC_FT	42	

**\*NOTE:** The peak discharge for an event of October 21, 2000 was 3,675 cfs at 5.6 feet gage height. The flood was not recorded by the continuous recording gage. Data were recovered from the crest stage gage at the site. An indirect measurement of the discharge was done to confirm the peak.

Flood Flow Frequency (based on Wickenburg ADMS HEC-1 and R. W. Cruff, 1995 graphical extension)					
Magnitude and Probability of Instantaneous Peak Flow					
Discharge, in cfs, for indicated Recurrence Interval					
2-year	5-year	10-year	25-year	50-year	100-year
890	2,200	3,490	4,770	5,860	6,940

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 7093      **Name:** Casandro Wash  
**Drainage Area:** 0.61 mi<sup>2</sup>  
**Period of Record:** July 12, 1994 to current year  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flow of interest during Water Year 2001

<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u>	<u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/27		118	1.20				

DAY	Daily Mean Values												
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1													
2													
3													
4													
5													
6										1			
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21	1												
22													
23													
24													
25													
26													
27	2							---					
28	1							---					
29	1												
30	---												
31		---						---		---		---	
TOTAL	5	0	0	0	0	0	0	0	0	1	0	0	
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	
MAX	118	0	0	0	0	0	0	0	0	61	0	0	
MIN	0	0	0	0	0	0	0	0	0	0	0	0	
AC_FT	10	0	0	0	0	0	0	0	0	3	0	0	
WTR YR 2001	TOTAL		7	MEAN		0	MAX	118	MIN		0	AC_FT	13

Flood Flow Frequency (based on FEMA, 9/95 and R. W. Cruff, 1995 graphical extension)					
Magnitude and Probability of Instantaneous Peak Flow					
Discharge, in cfs, for indicated Recurrence Interval					
2-year	5-year	10-year	25-year	50-year	100-year
5	20	50	200	500	800

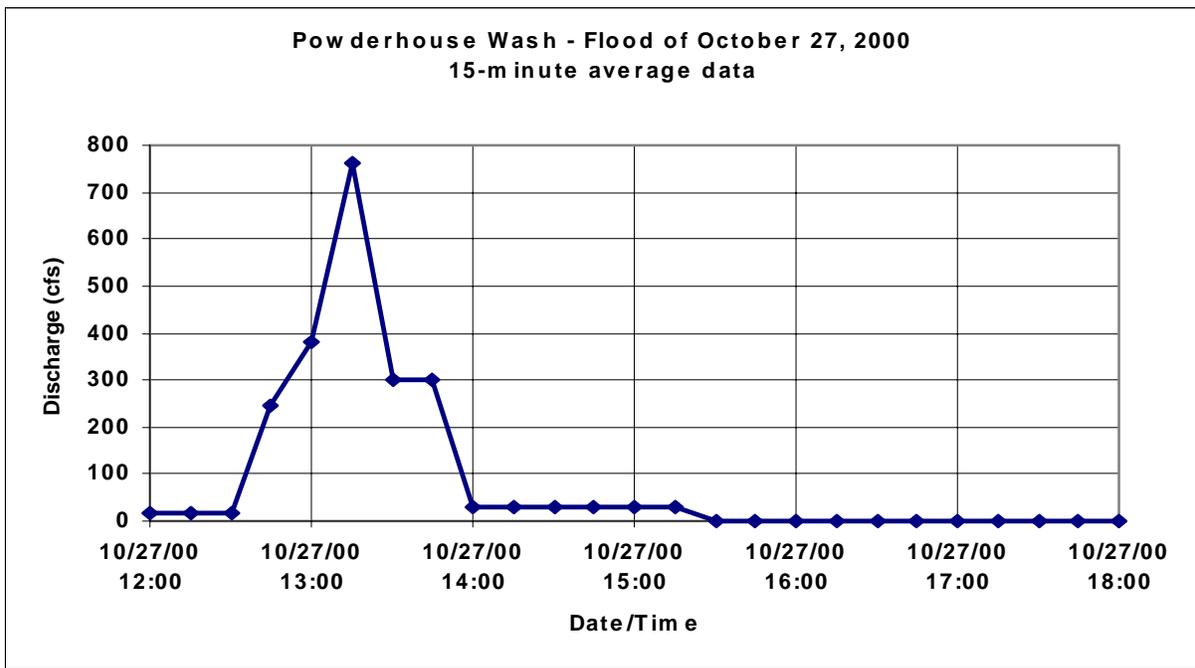
## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 7113      **Name:** Powder House Wash  
**Drainage Area:** 1.8 mi<sup>2</sup>  
**Period of Record:** May 18, 1995 to current year  
**Revised Records:** WY2000:WY1995-1999  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

### Peak flow of interest during Water Year 2001

<u>Day</u>	<u>Peak</u> <u>Discharge (cfs)</u>	<u>Gage Ht. (feet)</u>	<u>Day</u>	<u>Peak</u> <u>Discharge (cfs)</u>	<u>Gage Ht. (ft.)</u>
10/21	348	1.02	10/27	761	1.50

**Hydrograph for October 27, 2000 event**



<b>Flood Flow Frequency (FEMA Sept. 1995)</b>		
Magnitude and Probability of Instantaneous Peak Flow		
Discharge, in cfs, for indicated Recurrence Interval		
10-year	50-year	100-year
300	1,300	1,900

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Streamflow

**Station Number:** 7113      **Name:** Powder House Wash  
**Drainage Area:** 1.8 mi<sup>2</sup>  
**Period of Record:** May 18, 1995 to current year  
**Revised Records:** WY2000:WY1995-1999  
*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												1
19												
20												
21	7											
22	6											
23												
24	10											
25	21											
26	17											
27	28											
28									---			
29					---							
30					---							
31		---			---		---		---			---
-----												
TOTAL	90	0	0	0	0	0	0	0	0	0	0	1
MEAN	3	0	0	0	0	0	0	0	0	0	0	0
MAX	761	0	0	0	0	0	0	0	0	0	0	64
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	178	0	0	0	0	0	0	0	0	0	0	3
-----												
WTR YR 2001	TOTAL		91	MEAN	0	MAX	761	MIN	0	AC_FT		181

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 7133      **Name:** Casandro Dam

**Drainage Area:** 1.3 mi<sup>2</sup>

**Period of Record:** August 15, 1996 to current year

*Discharge, in cfs, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values														
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
1															
2															
3															
4						---									
5															
6										8					
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21	2														
22	6					7									
23															
24															
25															
26															
27	7														
28	6														
29					---										
30					---										
31		---			---		---		---			---			
TOTAL	20	0	0	0	0	7	0	0	0	8	0	0			
MEAN	1	0	0	0	0	0	0	0	0	0	0	0			
MAX	15	0	0	0	0	14	0	0	0	15	0	0			
MIN	0	0	0	0	0	0	0	0	0	0	0	0			
AC_FT	40	0	0	0	0	13	0	0	0	15	0	0			
WTR YR 2001	TOTAL		35	MEAN		0	MAX		15	MIN		0	AC_FT		69

**See also Pool Level and Storage Volume Data.**

# **POOL LEVEL DATA**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Reservoir Depths

**Station Number:** 0773\*      **Name:** Tat Momolikot Dam  
**Drainage Area:** 1,780 mi<sup>2</sup>  
**Period of Record:** January 21, 1998 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.6	4.1	2.7	1.7	1.8	0.9	2.2	0.8	0.8	0.8	2.8	2.2
2	2.5	4.0	2.7	1.7	1.8	0.8	2.2	0.8	0.8	0.8	2.7	2.1
3	2.5	3.9	3.0	1.7	1.8	0.8	2.1	0.8	0.8	0.8	2.6	2.1
4	2.4	3.8	3.1	1.7	1.7	0.8	2.0	0.8	0.8	0.8	2.7	2.0
5	2.3	3.7	2.6	1.7	1.7	0.8	2.0	0.8	0.8	0.8	4.2	2.0
6	2.3	3.6	2.5	1.6	1.7	0.8	2.0	0.8	0.8	0.8	4.2	1.9
7	2.2	3.7	2.5	1.6	1.6	1.4	1.9	0.8	0.8	0.8	4.0	1.9
8	2.2	4.5	2.5	1.6	1.6	3.3	1.9	0.8	0.8	0.8	3.9	1.8
9	2.1	4.8	2.4	1.6	1.6	4.0	1.9	0.8	0.8	0.8	3.8	1.7
10	2.1	4.7	2.4	1.6	1.6	3.9	1.9	0.8	0.8	0.8	3.7	1.7
11	2.0	4.4	2.4	1.5	1.6	3.8	1.8	0.8	0.8	0.8	3.8	1.7
12	1.9	4.2	2.3	1.5	1.6	3.7	1.7	0.8	0.8	1.7	3.7	1.6
13	1.9	4.1	2.3	1.6	1.5	3.5	1.7	0.8	0.8	1.9	3.6	1.6
14	1.9	4.0	2.3	1.6	1.5	3.4	1.7	0.8	0.8	1.8	3.5	1.5
15	1.8	3.9	2.2	1.6	1.5	3.3	1.6	0.8	0.8	1.7	3.5	1.5
16	1.8	3.7	2.2	1.5	1.4	3.2	1.6	0.8	0.8	1.7	3.4	1.5
17	1.7	3.6	2.1	1.5	1.4	3.1	1.6	0.8	0.8	1.6	3.3	1.4
18	1.7	3.6	2.1	1.5	1.4	3.1	1.5	0.8	0.8	1.5	3.2	1.4
19	1.6	3.5	2.1	1.5	1.4	3.0	1.5	0.8	0.8	1.5	3.1	1.2
20	1.6	3.4	2.0	1.5	1.4	2.9	1.4	0.8	0.8	1.4	3.0	1.0
21	1.6	3.4	2.0	1.4	1.3	2.8	1.4	0.8	0.8	1.4	3.0	0.8
22	1.5	3.2	2.0	1.4	1.3	2.8	1.4	0.8	0.8	1.4	2.9	0.8
23	1.9	3.2	2.0	1.4	1.3	2.7	1.4	0.8	0.8	1.3	2.8	0.8
24	2.5	3.1	2.0	1.4	1.3	2.7	1.3	0.8	0.8	1.3	2.8	0.9
25	2.6	3.0	1.9	1.4	1.3	2.6	1.3	0.8	0.8	1.3	2.7	0.9
26	2.6	3.0	1.9	1.3	1.2	2.5	1.3	0.8	0.8	1.5	2.6	0.8
27	2.7	2.9	1.9	1.4	1.0	2.5	1.2	0.8	0.8	1.5	2.5	0.8
28	3.3	2.9	1.8	1.7	1.0	2.4	0.9	0.8	0.8	1.4	2.5	0.8
29	4.0	2.9	1.8	1.8	---	2.4	0.8	0.8	0.8	1.4	2.4	0.8
30	3.9	2.8	1.8	1.9	---	2.3	0.8	0.8	0.8	1.3	2.4	0.9
31	3.8	---	1.8	1.9	---	2.2	---	0.8	---	2.4	2.3	---
MEAN	2.3	3.6	2.2	1.6	1.5	2.5	1.6	0.8	0.8	1.3	3.1	1.4
MAX	4.0	4.8	3.2	1.9	1.8	4.1	2.2	0.8	0.8	2.9	4.3	2.2
MIN	1.5	2.7	1.8	1.3	0.9	0.8	0.8	0.8	0.8	0.8	2.2	0.8
WTR YR 2001	MEAN	1.91	MAX	4.78	MIN	0.81						

**\*NOTE: Float gage was removed and a pressure transducer type gage was installed on January 24, 2000. Subsequently, the gage id number changed to 0773 from 0768. Data prior to January 24 has been deleted.**

**See also Surface Water Streamflow and Storage Volume Data.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Reservoir Depths

**Station Number:** 4563      **Name:** Spookhill FRS  
**Drainage Area:** 13.6 mi<sup>2</sup>  
**Period of Record:** November 1987 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.6	1.1	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2	0.6	0.9	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
3	0.6	0.8	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
4	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
5	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
6	0.6	0.6	0.6	0.6	0.6	0.6	1.5	0.6	0.6	0.6	0.6	0.6
7	0.6	0.6	0.6	0.6	0.6	1.3	1.3	0.6	0.6	0.6	0.6	0.6
8	0.6	0.6	0.6	0.6	0.6	1.3	1.1	0.6	0.6	0.6	0.6	0.6
9	0.6	0.6	0.6	0.6	0.6	1.1	0.8	0.6	0.6	0.6	0.6	0.6
10	3.2	0.6	0.6	0.6	0.6	0.9	0.6	0.6	0.6	0.6	0.6	0.6
11	2.8	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.8	0.6
12	1.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
13	1.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
14	0.7	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
15	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
16	0.6	0.6	0.6	1.2	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
17	0.6	0.6	0.6	1.2	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
18	0.6	0.6	0.6	0.8	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
19	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
20	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
21	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
22	3.3	0.6	0.6	0.6	0.6	0.6	0.8	0.6	0.6	0.6	0.6	0.6
23	2.1	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
24	1.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
25	1.1	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
26	0.9	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
27	2.5	0.6	0.6	1.1	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
28	5.0	0.6	0.6	1.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
29	2.1	0.6	0.6	1.1	---	0.6	0.6	0.6	0.6	0.6	0.6	0.6
30	1.3	0.6	0.6	0.9	---	0.6	0.6	0.6	0.6	0.6	0.6	0.6
31	1.2	---	0.6	0.7	---	0.6	---	0.6	---	0.6	0.6	---
MEAN	1.3	0.6	0.6	0.7	0.6	0.7	0.7	0.6	0.6	0.6	0.6	0.6
MAX	6.3	1.0	0.6	1.5	1.1	1.9	1.6	0.6	0.6	0.6	1.7	0.6
MIN	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
WTR YR 2001	MEAN	0.68	MAX	6.26	MIN	0.59						

**See also Surface Water Streamflow and Storage Volume Data.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Reservoir Depths

**Station Number:** 4648      **Name:** E.Fork CC #1  
**Drainage Area:** 1.18 mi<sup>2</sup>  
**Period of Record:** March 2, 1994 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
11	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
12	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
13	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
14	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
15	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
16	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1
18	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1
19	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
21	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
22	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
23	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
24	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
25	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
26	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
27	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
28	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
29	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1
30	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1
31	0.1	---	0.1	0.1	---	0.1	---	0.1	---	0.1	0.1	---
MEAN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
MAX	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.1
MIN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
WTR YR 2001	MEAN	0.10	MAX	0.35	MIN	0.10						

**See also Surface Water Streamflow and Storage Volume Data.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Reservoir Depths

**Station Number:** 4653      **Name:** Tatum Basin Outflow  
**Drainage Area:** 2.17 mi<sup>2</sup>  
**Period of Record:** May 8, 1998 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

*No recorded impoundment during Water Year 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
11	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
12	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
13	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
14	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
15	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
16	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
18	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
19	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
21	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
22	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
23	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
24	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
25	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
26	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
27	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
28	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
29	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
30	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1
31	0.1	---	0.1	0.1	---	0.1	---	0.1	---	0.1	0.1	---
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAX	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
MIN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

WTR YR 2001    MEAN    0.05    MAX    0.05    MIN    0.05

**See also Surface Water Streamflow and Storage Volume data.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Reservoir Depths

**Station Number:** 4658      **Name:** E.Fork CC #4  
**Drainage Area:** 0.68 mi<sup>2</sup>  
**Period of Record:** January 18, 1994 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
5	0.0	---	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.2	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.2	0.0
7	0.0	0.3	0.0	0.0	0.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0
8	0.0	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.4	0.0	0.1	0.0	0.0	0.0	0.1	0.3	0.0
10	0.5	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.1	0.0
11	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0
14	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0
15	0.0	0.0	0.0	0.0	0.2	0.0	---	0.0	0.0	---	0.0	---
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
18	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
19	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
20	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
21	0.1	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0
22	1.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0
23	0.7	0.0	0.0	0.0	0.1	0.0	0.3	0.0	0.0	0.1	0.1	0.0
24	0.3	0.0	---	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.1	0.0
25	0.0	0.0	---	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0
26	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0
27	0.4	0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0
28	0.4	0.0	0.0	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.2	0.0	0.0	0.1	---	0.0	0.0	0.0	0.0	0.2	0.0	0.0
30	0.3	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.3	0.0	0.0
31	0.3	---	0.0	0.0	---	0.0	---	0.0	---	0.0	0.0	---
MEAN	0.2	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0
MAX	2.6	0.9	0.0	2.1	0.9	1.8	1.9	0.0	0.0	0.6	1.9	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WTR YR 2001	MEAN	0.05	MAX	2.58	MIN	0.00						

**See also Surface Water Streamflow and Storage Volume data.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Reservoir Depths

**Station Number:** 4683      **Name:** E.Fork CC #3  
**Drainage Area:** 3.52 mi<sup>2</sup> (1.86 mi<sup>2</sup> controlled by EFCC #1 and EFCC #4)  
**Period of Record:** September 13, 1994 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
13	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---
17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
30	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
31	0.2	---	0.2	0.2	---	0.2	---	0.2	---	0.2	0.2	---
MEAN	0.2	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.1
MAX	0.5	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
MIN	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
WTR YR 2001	MEAN	0.15	MAX	0.45	MIN	0.15						

**See also Surface Water Streamflow and Storage Volume data.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Reservoir Depths

**Station Number:** 4803      **Name:** Dreamy Draw Dam

**Drainage Area:** 1.3 mi<sup>2</sup>

**Period of Record:** November 1987 to current year

**Revised Records:** WY1996: WY1995

*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	---	0.1	0.1	0.1
2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	---	0.1	0.1	0.1
3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1
4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1
6	0.1	0.2	0.1	0.1	0.1	0.1	0.5	0.1	0.1	0.1	0.1	0.1
7	0.1	0.2	0.1	0.1	0.1	0.4	0.2	0.1	0.1	0.1	0.1	0.1
8	0.1	0.1	0.1	0.1	0.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1
9	0.1	0.1	0.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10	0.5	0.1	0.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
11	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
12	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
13	0.1	0.1	0.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
14	0.1	0.1	0.1	0.3	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1
15	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
16	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1
18	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
19	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
21	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
22	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
23	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1
24	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1
25	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1
26	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1
27	0.3	0.1	0.1	0.4	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1
28	0.4	0.1	0.1	0.3	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1
29	0.1	0.1	0.1	0.2	---	0.1	0.1	---	0.1	0.2	0.1	0.1
30	0.1	0.1	0.1	0.1	---	0.1	---	---	0.1	0.2	0.1	0.1
31	0.1	---	0.1	0.1	---	0.1	---	---	---	0.1	0.1	---
MEAN	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
MAX	3.4	1.0	0.1	1.7	0.1	1.6	1.7	0.1	0.1	2.6	1.7	0.1
MIN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

**WTR YR 2001    MEAN    0.13    MAX    3.44    MIN    0.12**

**See also Surface Water Streamflow and Storage Volume data.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Reservoir Depths

**Station Number:** 4818      **Name:** 10 St.Wash Basin #1  
**Drainage Area:** 1.21 mi<sup>2</sup>  
**Period of Record:** November 26, 1996 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
6	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
7	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3
8	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
9	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
10	0.8	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
11	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
12	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
13	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
14	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
15	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
16	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
17	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
18	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
19	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
20	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
21	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
22	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
23	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
24	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
25	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
26	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
27	0.5	0.3	0.3	1.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
28	0.4	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
29	0.3	0.3	0.3	0.3	---	0.3	0.3	0.3	0.3	0.3	0.3	0.3
30	0.3	0.3	0.3	0.3	---	0.3	0.3	0.3	0.3	0.3	0.3	0.3
31	0.3	---	0.3	0.3	---	0.3	---	0.3	---	0.3	0.3	---
MEAN	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
MAX	2.1	0.3	0.3	1.8	0.3	1.0	0.3	0.3	0.3	0.3	0.3	0.3
MIN	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
WTR YR 2001	MEAN	0.30	MAX	2.10	MIN	0.30						

**See also Surface Water Streamflow and Storage Volume data.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Reservoir Depths

**Station Number:** 4899\*      **Name:** CaveButtes Dam Pool  
**Drainage Area:** 191 mi<sup>2</sup>  
**Period of Record:** November 1987 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.9	2.1	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
2	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
3	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
4	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
5	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
6	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
7	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
10	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
11	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
12	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
13	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	---	1.9	1.9
14	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
15	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
16	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
17	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
18	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
19	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
20	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
21	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
22	12.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
23	14.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
24	6.2	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
25	4.7	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
26	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
27	3.9	1.9	1.9	2.5	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
28	5.1	1.9	1.9	3.1	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
29	2.2	1.9	1.9	1.9	---	1.9	1.9	1.9	1.9	1.9	1.9	1.9
30	2.3	1.9	1.9	1.9	---	1.9	1.9	1.9	1.9	2.0	1.9	1.9
31	3.9	---	1.9	1.9	---	1.9	---	1.9	---	1.9	1.9	---
MEAN	3.1	1.9	1.9	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
MAX	18.6	2.4	1.9	7.1	1.9	2.0	1.9	1.9	1.9	2.7	2.1	1.9
MIN	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.7	1.9	1.9
WTR YR 2001	MEAN	2.01	MAX	18.56	MIN	1.73						

**\*NOTE: Non-submersible pressure transducer type gage was replaced with a bubbler type digital gage on February 17, 2000. The gage id number changed from 4904 to 4899.**

**See also Surface Water Streamflow (4903) and Storage Volume data (4902).**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Reservoir Depths

**Station Number:** 5113      **Name:** Saddleback FRS  
**Drainage Area:** 29.6 mi<sup>2</sup> excluding area brought in from Harquahala FRS  
**Period of Record:** December 16, 1988 to current year  
 Depth, in feet, Water Year October 1998 to September 1999  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
6	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
7	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
8	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
9	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
10	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
11	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
12	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
13	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
14	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
15	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
16	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
17	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
18	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
19	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
20	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
21	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
22	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
23	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
24	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
25	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
26	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
27	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
28	0.6	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
29	0.3	0.3	0.3	0.3	---	0.3	0.3	0.3	0.3	0.3	0.3	0.3
30	0.3	0.3	0.3	0.3	---	0.3	0.3	0.3	0.3	0.3	0.3	0.3
31	0.3	---	0.3	0.3	---	0.3	---	0.3	---	0.3	0.3	---
MEAN	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
MAX	1.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
MIN	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
WTR YR 2001	MEAN	0.30	MAX	1.00	MIN	0.30						

**See also Surface Water Streamflow and Storage Volume data.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Reservoir Depths

**Station Number:** 5128      **Name:** Harquahala FRS  
**Drainage Area:** 102.3 mi<sup>2</sup>  
**Period of Record:** March 1, 1994 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.4	10.8	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
2	0.4	10.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
3	0.4	9.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
4	0.4	8.1	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
5	0.4	7.1	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
6	0.4	6.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
7	0.4	5.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
8	0.4	5.1	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
9	0.4	4.8	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
10	0.4	4.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
11	0.4	4.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
12	0.4	4.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
13	0.4	3.7	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
14	0.4	3.8	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.9	0.4
15	0.4	3.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.7	0.4
16	0.4	2.8	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
17	0.4	2.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
18	0.4	2.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
19	0.4	1.9	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
20	0.4	1.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
21	0.4	1.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
22	0.7	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
23	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
24	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
25	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
26	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
27	10.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
28	14.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
29	13.5	0.4	0.4	0.4	---	0.4	0.4	0.4	0.4	0.4	0.4	0.4
30	12.7	0.4	0.4	0.4	---	0.4	0.4	0.4	0.4	0.4	0.4	0.4
31	11.8	---	0.4	0.4	---	0.4	---	0.4	---	0.4	0.4	---
MEAN	2.4	3.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
MAX	21.5	10.9	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	2.3	0.4
MIN	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
WTR YR 2001	MEAN	0.81	MAX	21.47	MIN	0.38						

**NOTE: Gated outlet not opened. Therefore, many days of post-flood impoundment.**

**See also Surface Water Streamflow and Storage Volume data.**

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Reservoir Depths

**Station Number:** 5203      **Name:** Buckeye FRS #1  
**Drainage Area:** 74 mi<sup>2</sup> not including area from Buckeye FRS #2 and #3  
**Period of Record:** November 1987 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
2	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
3	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
4	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
6	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
7	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
8	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
9	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
10	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	---	-2.5	-2.5	-2.5	-2.5
11	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	---	-2.5	-2.5	-2.5	-2.5
12	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	---	-2.5	-2.5	-2.5	-2.5
13	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
14	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
15	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.2	-2.5
16	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.2	-2.5
17	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
18	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
19	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
20	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
21	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
22	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
23	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
24	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
25	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
26	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	---	-2.5	-2.5	-2.5	-2.5	-2.5
27	-2.5	-2.5	-2.5	---	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
28	-2.5	-2.5	-2.5	---	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
29	-2.5	-2.5	-2.5	---	---	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
30	-2.5	-2.5	-2.5	-2.5	---	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
31	-2.5	---	-2.5	-2.5	---	-2.5	---	-2.5	---	-2.5	-2.5	---
MEAN	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
MAX	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-1.6	-2.5
MIN	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
WTR YR 2001	MEAN	-2.49	MAX	-1.59	MIN	-2.49						

**NOTE: Instrument is 2.49 feet below gage datum zero at invert elevation of principal outlet, which is located in a depressed drop box type inlet structure. Gage datum of 0.00 feet is taken to be the point at the top of the drop box which is level with the ground at the inlet structure.**

**See also Surface Water Streamflow and Storage Volume data.**

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Reservoir Depths

**Station Number:** 5208      **Name:** Buckeye FRS #2  
**Drainage Area:** 5.7 mi<sup>2</sup> without area from Buckeye FRS #2  
**Period of Record:** November 11, 1992 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
2	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
3	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.2	-1.4
4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
5	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
6	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.3	-1.4	-1.4
7	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
8	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
9	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
10	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
11	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
12	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
13	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	---
14	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
15	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
16	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
17	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-0.7	-1.4
18	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
19	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
20	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
21	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
22	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
23	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
24	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
25	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
26	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
27	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
28	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
29	-1.4	-1.4	-1.4	-1.4	---	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
30	-1.4	-1.4	-1.4	-1.4	---	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
31	-1.4	---	-1.4	-1.4	---	-1.4	---	-1.4	---	-1.4	-1.4	---
MEAN	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
MAX	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-0.8	2.8	-1.4
MIN	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
WTR YR 2001	MEAN	-1.39	MAX	2.81	MIN	-1.39						

Instrument 1.39 feet below zero gage datum at invert of principal outlet, which is located in a depressed drop box type inlet structure. Gage datum of 0.00 feet is taken to be the point at the top of the drop box which is level with the ground at the inlet structure.

See also Surface Water Streamflow and Storage Volume data.

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Reservoir Depths

**Station Number:** 5233      **Name:** Sunset FRS  
**Drainage Area:** 0.95 mi<sup>2</sup> (from Wickenburg ADMS)  
**Period of Record:** February 12, 1989 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.7	0.7	0.7	0.7	0.7	1.6	0.7	0.7	0.7	0.7	0.7	0.7
2	0.7	0.7	0.7	0.7	0.7	1.3	0.7	0.7	0.7	0.7	0.7	0.7
3	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
4	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	3.4	0.7	0.7
7	0.7	0.7	0.7	0.7	0.7	3.7	0.7	0.7	0.7	3.9	0.7	0.7
8	0.7	0.7	0.7	0.7	0.7	4.5	0.7	0.7	0.7	3.6	0.7	0.7
9	0.7	0.7	0.7	0.7	0.7	4.2	0.7	0.7	0.7	2.4	0.7	0.7
10	0.7	0.7	0.7	0.7	0.7	4.0	0.7	0.7	0.7	0.8	0.7	0.7
11	0.7	0.7	0.7	0.7	0.7	3.8	0.7	0.7	0.7	0.7	0.7	0.7
12	0.7	0.7	0.7	0.7	0.7	3.5	0.7	0.7	0.7	0.7	0.7	0.7
13	0.7	0.7	0.7	0.7	0.9	3.3	0.7	0.7	0.7	0.7	0.7	0.7
14	0.7	0.7	0.7	0.7	0.8	3.1	0.7	0.7	0.7	0.7	0.7	0.7
15	0.7	0.7	0.7	0.8	0.7	2.8	0.7	0.7	0.7	0.7	0.7	0.7
16	0.7	0.7	0.7	0.7	0.7	2.6	0.7	0.7	0.7	0.7	0.7	0.7
17	0.7	0.7	0.7	0.7	0.7	2.3	0.7	0.7	0.7	0.7	0.7	0.7
18	0.7	---	0.7	0.7	0.7	2.1	0.7	0.7	0.7	0.7	0.7	0.7
19	0.7	---	0.7	0.7	0.7	1.9	0.7	0.7	0.7	0.7	0.7	0.7
20	0.7	0.7	0.7	0.7	0.7	1.6	0.7	0.7	0.7	0.7	0.7	0.7
21	1.6	0.7	0.7	0.7	0.7	0.9	0.7	0.7	0.7	0.7	0.7	0.7
22	6.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
23	6.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
24	6.2	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
25	5.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
26	4.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
27	4.7	0.7	0.7	0.7	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7
28	5.2	0.7	0.7	1.3	1.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
29	2.3	0.7	0.7	1.7	---	0.7	0.7	0.7	0.7	0.7	0.7	0.7
30	0.8	0.7	0.7	1.2	---	0.7	0.7	0.7	0.7	0.7	0.7	0.7
31	0.7	---	0.7	0.7	---	0.7	---	0.7	---	0.7	0.7	---
MEAN	1.9	0.7	0.7	0.8	0.8	1.8	0.7	0.7	0.7	1.0	0.7	0.7
MAX	8.4	0.7	0.7	1.9	1.9	4.7	0.7	0.7	0.7	4.3	0.7	0.7
MIN	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
WTR YR 2001	MEAN	0.94	MAX	8.43	MIN	0.70						

**See also Surface Water Streamflow and Storage Volume Data.**

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Reservoir Depths

**Station Number:** 5248      **Name:** Sunnycove FRS  
**Drainage Area:** 0.98 mi<sup>2</sup> (from Wickenburg ADMS)  
**Period of Record:** November 1987 to current year  
**Revised Records:** WY2000:WY1999  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.9	4.2	0.9	0.9	0.9	0.9	1.4	0.9	0.9	0.9	0.9	0.9
2	0.9	3.9	0.9	0.9	0.9	0.9	1.4	0.9	0.9	0.9	0.9	0.9
3	0.9	3.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
4	0.9	3.5	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
5	0.9	3.3	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
6	0.9	3.2	0.9	0.9	0.9	0.9	0.9	0.9	0.9	6.2	0.9	0.9
7	0.9	3.0	0.9	0.9	0.9	1.9	0.9	0.9	0.9	7.6	0.9	0.9
8	0.9	2.8	0.9	0.9	0.9	2.9	0.9	0.9	0.9	7.3	0.9	0.9
9	0.9	2.7	0.9	0.9	0.9	2.9	0.9	0.9	0.9	6.1	0.9	0.9
10	0.9	2.6	0.9	0.9	0.9	2.8	0.9	0.9	0.9	1.3	0.9	0.9
11	0.9	2.5	0.9	0.9	0.9	2.8	0.9	0.9	0.9	0.9	0.9	0.9
12	0.9	2.4	0.9	0.9	0.9	2.7	0.9	0.9	0.9	0.9	0.9	0.9
13	0.9	2.3	0.9	0.9	0.9	2.6	0.9	0.9	0.9	0.9	0.9	0.9
14	0.9	1.8	0.9	0.9	0.9	2.6	0.9	0.9	0.9	0.9	0.9	0.9
15	0.9	1.2	0.9	0.9	0.9	2.5	0.9	0.9	0.9	0.9	0.9	0.9
16	0.9	0.9	0.9	0.9	0.9	2.5	0.9	0.9	0.9	0.9	0.9	0.9
17	0.9	0.9	0.9	0.9	0.9	2.4	0.9	0.9	0.9	0.9	0.9	0.9
18	0.9	0.9	0.9	0.9	0.9	2.3	0.9	0.9	0.9	0.9	0.9	0.9
19	0.9	0.9	0.9	0.9	0.9	2.3	0.9	0.9	0.9	0.9	0.9	0.9
20	0.9	0.9	0.9	0.9	0.9	2.2	0.9	0.9	0.9	0.9	0.9	0.9
21	1.6	0.9	0.9	0.9	0.9	2.2	0.9	0.9	0.9	0.9	0.9	0.9
22	6.5	0.9	0.9	0.9	0.9	2.1	0.9	0.9	0.9	0.9	0.9	0.9
23	6.4	0.9	0.9	0.9	0.9	2.0	0.9	0.9	0.9	0.9	0.9	0.9
24	6.3	0.9	0.9	0.9	0.9	1.9	0.9	0.9	0.9	0.9	0.9	0.9
25	6.1	0.9	0.9	0.9	0.9	1.9	0.9	0.9	0.9	0.9	0.9	0.9
26	4.6	0.9	0.9	0.9	0.9	1.8	0.9	0.9	0.9	0.9	0.9	0.9
27	7.8	0.9	0.9	0.9	0.9	1.7	0.9	0.9	0.9	0.9	0.9	0.9
28	10.1	0.9	0.9	0.9	0.9	1.7	0.9	0.9	0.9	0.9	0.9	0.9
29	6.5	0.9	0.9	0.9	---	1.6	0.9	0.9	0.9	0.9	0.9	0.9
30	5.0	0.9	0.9	0.9	---	1.5	0.9	0.9	0.9	0.9	0.9	0.9
31	4.5	---	0.9	0.9	---	1.5	---	0.9	---	0.9	0.9	---
MEAN	2.7	1.9	0.9	0.9	0.9	2.0	0.9	0.9	0.9	1.7	0.9	0.9
MAX	15.2	4.1	0.9	0.9	0.9	3.0	1.4	0.9	0.9	8.0	0.9	0.9
MIN	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9

**WTR YR 2001 MEAN 1.29 MAX 15.16 MIN 0.90**

**See also Surface Water Streamflow and Storage Volume data.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Reservoir Depths

**Station Number:** 5418      **Name:** White Tanks #3 FRS  
**Drainage Area:** 20.5 mi<sup>2</sup> (White Tanks ADMS)  
**Period of Record:** November 1987 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

**No recorded impoundments during Water Year 2001**

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	0.0	0.0	---
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WTR YR 2001	MEAN	0.00	MAX	0.00	MIN	0.00						

**See also Surface Water Streamflow and Storage Volume data.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Reservoir Depths

**Station Number:** 5448      **Name:** McMicken Dam  
**Drainage Area:** 247 mi<sup>2</sup>  
**Period of Record:** November 1987 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	0.0	0.0	---
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAX	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WTR YR 2001	MEAN	0.00	MAX	0.60	MIN	0.00						

**See also Surface Water Streamflow and Storage Volume data.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Reservoir Depths

**Station Number:** 5534\*      **Name:** Adobe Dam  
**Drainage Area:** 89.6 mi<sup>2</sup>  
**Period of Record:** November 1987 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	---	3.2	3.2
2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
4	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
5	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
6	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	---	3.2	3.2
7	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	---	3.2	3.2
8	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	---	3.2	3.2
9	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
10	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
11	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
12	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
13	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	---	3.2	3.2
14	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
15	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
16	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
17	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
18	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
19	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
20	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
21	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
22	5.7	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
23	3.5	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
24	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
25	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
26	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
27	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
28	3.7	3.2	3.2	3.2	3.2	3.2	3.2	3.2	---	3.2	3.2	3.2
29	3.2	3.2	3.2	3.2	---	3.2	3.2	3.2	---	3.2	3.2	3.2
30	3.2	3.2	3.2	3.2	---	3.2	3.2	3.2	---	3.2	3.2	3.2
31	3.9	---	3.2	3.2	---	3.2	---	3.2	---	3.2	3.2	---
MEAN	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
MAX	8.2	3.2	3.2	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
MIN	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
WTR YR 2001	MEAN	3.21	MAX	8.20	MIN	3.20						

**\*NOTE:** Non-submersible pressure transducer type gage was replaced with a bubbler type digital gage on August 10, 2000. The gage id number changed from 5539 to 5534. Gage was also moved from at the principal outlet to the original stilling well location and thus the datum increased by 3.1 feet.

See also Surface Water Streamflow (5538) and Storage Volume data (5537).

Flood Elevation Frequency (from USACE Design Memorandum)					
Magnitude and Probability of Elevation of Impound					
Elevation, in feet gage height, for Indicated Recurrence Interval					
2-year	5-year	10-year	25-year	50-year	100-year
12.8	18.5	23.3	28.3	31.3	34.5

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Reservoir Depths

**Station Number:** 5609\*      **Name:** New River Dam  
**Drainage Area:** 164 mi<sup>2</sup>  
**Period of Record:** November 1987 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.9	4.1	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
2	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
3	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
4	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
5	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
6	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
7	2.9	2.9	2.9	---	2.9	2.9	---	2.9	2.9	2.9	2.9	2.9
8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
10	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	---	2.9	2.9	2.9
11	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	---	2.9	2.9	2.9
12	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	---	2.9	2.9	2.9
13	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	---	2.9	2.9	2.9
14	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
15	2.9	2.9	---	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
16	2.9	2.9	---	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
17	2.9	2.9	---	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
18	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
19	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
20	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
21	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
22	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
23	5.4	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
24	6.7	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
25	6.7	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
26	6.7	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
27	6.7	2.9	2.9	2.9	---	2.9	2.9	2.9	2.9	2.9	2.9	2.9
28	6.7	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
29	6.7	2.9	2.9	2.9	---	2.9	2.9	2.9	2.9	2.9	2.9	2.9
30	4.4	2.9	2.9	2.9	---	2.9	2.9	2.9	2.9	2.9	2.9	2.9
31	5.9	---	2.9	2.9	---	2.9	---	2.9	---	2.9	2.9	---
MEAN	3.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
MAX	6.9	5.5	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
MIN	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9

WTR YR 2001    MEAN    2.97    MAX    6.87    MIN    2.88

**\*NOTE:** Non-submersible pressure transducer type gage was replaced with a bubbler type digital gage on August 10, 2000. The gage id number changed from 5614 to 5609.

See also Surface Water Streamflow (5613) and Storage Volume data (5612).

Flood Elevation Frequency (from USACE Design Memorandum)					
Magnitude and Probability of Elevation of Impound					
Elevation, in feet gage height, for Indicated Recurrence Interval					
2-year	5-year	10-year	25-year	50-year	100-year
7.4	12.4	31	40	46.9	53.9

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Reservoir Depths

**Station Number:** 5968      **Name:** StoneRidge Dam  
**Drainage Area:** 0.86 mi<sup>2</sup>  
**Period of Record:** December 11, 1996 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
3	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
4	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7
7	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6
8	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
9	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
10	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
11	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
12	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7
13	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
14	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
15	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
16	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
17	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
18	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6
19	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
20	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.6
21	0.6	0.6	0.6	0.7	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.6
22	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
23	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
24	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
25	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
26	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
27	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
28	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
29	0.6	0.6	0.6	0.6	0.6	---	0.6	0.6	0.6	0.6	0.9	0.6
30	0.7	0.6	0.6	0.6	0.6	---	0.6	0.6	0.6	0.6	0.7	0.6
31	0.6	---	0.6	0.6	0.6	---	0.6	---	0.6	---	0.6	---
MEAN	0.7	0.6	0.6	0.7	0.6	0.7	0.6	0.6	0.6	0.7	0.6	0.6
MAX	4.4	0.6	0.6	0.7	0.6	0.9	0.6	0.6	0.6	5.8	0.6	0.6
MIN	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
<b>WTR YR 2001</b>	<b>MEAN</b>	<b>0.65</b>	<b>MAX</b>	<b>5.82</b>	<b>MIN</b>	<b>0.65</b>						

**See also Surface Water Streamflow and Storage Volume data.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Reservoir Depths

**Station Number:** 5973      **Name:** SunRidge Canyon Dam  
**Drainage Area:** 1.6 mi<sup>2</sup>  
**Period of Record:** February 4, 1997 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
6	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
7	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
8	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
10	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
11	1.3	1.3	1.3	1.3	1.3	---	1.3	1.3	1.3	1.3	1.3	1.3
12	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
13	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
14	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
15	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
16	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
17	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
18	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
19	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
20	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
21	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
22	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
23	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	---	1.3	1.3
24	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
25	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
26	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
27	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
28	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
29	1.3	1.3	1.3	1.3	---	1.3	1.3	1.3	1.3	1.3	1.3	1.3
30	1.3	1.3	1.3	1.3	---	1.3	1.3	1.3	1.3	1.3	1.3	1.3
31	1.3	---	1.3	1.3	---	1.3	---	1.3	---	1.3	1.3	---
MEAN	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
MAX	2.0	1.3	1.3	1.3	1.3	1.5	1.3	1.3	1.3	2.3	1.3	1.3
MIN	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
<b>WTR YR 2001</b>	<b>MEAN</b>	<b>1.28</b>	<b>MAX</b>	<b>2.33</b>	<b>MIN</b>	<b>1.28</b>						

**See also Surface Water Streamflow and Storage Volume data.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Reservoir Depths

**Station Number:** 5978      **Name:** GoldenEaglePark Dam  
**Drainage Area:** 7.13 mi<sup>2</sup> of which 2.02 mi<sup>2</sup>, 2.13 mi<sup>2</sup>, and 1.6 mi<sup>2</sup> are controlled by Aspen, North Heights, and Sunridge Canyon Dams respectively.  
**Period of Record:** December 12, 1996 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.9	4.9	---	4.9	---	---	2.2	2.2	2.3	2.3	2.3	2.2
2	4.9	4.9	---	4.9	4.9	---	2.2	2.3	2.3	2.3	2.3	2.4
3	4.9	4.9	---	4.9	4.9	---	2.2	2.3	2.3	2.3	2.3	2.4
4	5.0	4.9	---	4.9	4.9	---	2.2	2.3	2.3	2.3	2.3	2.3
5	4.9	4.9	---	4.9	4.9	2.2	2.3	2.3	2.3	2.3	2.3	2.3
6	4.9	4.9	---	4.9	4.9	2.2	2.4	2.3	2.3	2.3	2.3	2.3
7	4.9	4.9	---	4.9	4.9	2.7	2.2	2.3	2.3	2.3	2.3	2.3
8	4.9	4.9	---	4.9	4.9	2.2	2.2	2.3	2.3	2.3	2.3	2.3
9	4.9	4.9	---	4.9	4.9	2.2	2.2	2.3	2.3	2.3	2.3	2.2
10	5.0	4.9	---	4.9	4.9	2.3	2.2	2.3	2.3	2.3	2.3	2.2
11	5.0	4.9	---	4.9	4.9	2.3	2.2	2.3	2.3	2.3	2.3	2.2
12	4.9	4.9	4.9	4.9	4.9	2.2	2.2	2.3	2.3	2.3	2.3	2.2
13	4.9	4.9	4.9	4.9	4.9	2.2	2.2	2.3	2.3	2.3	2.3	2.2
14	4.9	4.9	4.9	4.9	4.9	2.2	2.2	2.3	2.3	2.3	2.3	2.3
15	4.9	4.9	4.9	4.9	4.9	2.2	2.2	2.3	2.3	2.3	2.3	2.4
16	4.9	4.9	4.9	4.9	4.9	2.2	2.2	2.3	2.3	2.3	2.3	2.2
17	4.9	4.9	4.9	4.9	4.9	2.2	2.2	2.3	2.3	2.3	2.3	2.2
18	4.9	4.9	4.9	4.9	4.9	2.2	2.2	2.3	2.3	2.3	2.3	2.2
19	4.9	---	4.9	4.9	4.9	2.2	2.2	2.3	2.3	2.3	2.3	2.3
20	4.9	---	4.9	4.9	4.9	2.2	2.2	2.3	2.3	2.3	2.3	2.3
21	5.0	---	4.9	4.9	4.9	2.2	2.2	2.3	2.3	2.3	2.3	2.2
22	5.0	---	4.9	4.9	4.9	2.2	2.2	2.3	2.3	2.3	2.3	2.2
23	4.9	---	4.9	4.9	4.9	2.2	2.2	2.3	2.3	2.3	2.3	2.2
24	4.9	---	4.9	4.9	4.9	2.2	2.2	2.3	2.3	2.3	2.3	2.2
25	4.9	---	4.9	4.9	4.9	2.2	2.2	2.3	2.3	2.3	2.3	2.2
26	5.0	---	4.9	4.9	4.9	2.2	2.2	2.3	2.3	2.3	2.3	2.2
27	5.1	---	4.9	4.9	4.9	2.2	2.2	2.3	2.3	2.3	2.3	2.2
28	4.9	---	4.9	4.9	---	2.2	2.2	2.3	2.3	2.3	2.3	2.2
29	4.9	---	4.9	4.9	---	2.2	2.2	2.3	2.3	2.5	2.3	2.2
30	4.9	---	4.9	4.9	---	2.2	2.2	2.3	2.3	2.3	2.4	2.2
31	4.9	---	4.9	---	---	2.2	---	2.3	---	2.3	2.3	---
MEAN	4.9	4.9	4.9	4.9	4.9	2.2	2.2	2.3	2.3	2.3	2.3	2.3
MAX	6.5	4.9	4.9	5.5	4.9	4.9	3.7	2.3	2.3	5.2	3.7	2.8
MIN	4.9	4.9	4.9	4.9	4.9	2.2	2.2	2.3	2.3	2.3	2.2	2.2
WTR YR 2001	MEAN	3.39	MAX	6.52	MIN	2.20						

See also Surface Water Streamflow and Storage Volume Data.

**NOTE:** Dam was breached for construction in May 2000. A new outlet structure is being constructed and the dam height is being increased. Gage was moved to the north inlet channel and behind the temporary construction berm and thus the height of the instrument has increased. From October 1, 2000 to March 4, 2001, gage heights represent that from the north inlet channel. From March 5, 2001 to September 30, 2001, gage heights represent impound behind the dam.

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Reservoir Depths

**Station Number:** 5983      **Name:** North Heights Dam  
**Drainage Area:** 2.13 mi<sup>2</sup>  
**Period of Record:** October 11, 1996 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2
3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2
5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2
6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2
7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2
8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2
9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2
10	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2
11	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
13	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2
14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
15	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
16	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2
20	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2
21	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2
22	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2
23	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2
29	0.2	0.2	0.2	0.2	0.2	---	0.2	0.3	0.3	0.3	0.3	0.2
30	0.2	0.2	0.2	0.2	---	0.2	0.2	0.3	0.3	0.3	0.3	0.2
31	0.2	---	0.2	0.2	---	0.2	---	0.3	---	0.3	0.3	---
MEAN	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
MAX	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.5	0.9
MIN	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2
WTR YR 2001	MEAN	0.25	MAX	0.89	MIN	0.21						

**See also Surface Water Streamflow and Storage Volume data.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Reservoir Depths

**Station Number:** 5988      **Name:** Aspen Dam  
**Drainage Area:** 2.02 mi<sup>2</sup>  
**Period of Record:** January 2, 1997 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.1	0.1	0.1	0.1	0.1	---	0.1	---	0.2	0.2	0.2	0.2
2	0.1	0.1	0.1	0.1	0.1	---	---	0.2	0.1	0.1	0.2	0.2
3	0.1	0.1	0.1	0.1	0.1	---	0.1	0.2	0.2	0.2	0.2	0.1
4	0.1	0.1	0.1	0.1	0.1	---	0.1	0.2	0.2	0.2	0.2	0.2
5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
7	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.2	0.2	0.2
8	0.1	0.1	0.1	0.1	---	0.2	0.1	0.2	0.1	0.2	0.2	0.2
9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2
10	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2
11	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2
12	0.1	0.1	0.1	0.1	0.1	---	0.1	0.2	0.1	0.2	0.2	0.2
13	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.1
14	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
15	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
16	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.2
17	0.1	0.1	0.1	0.1	0.1	0.1	---	0.2	0.2	0.2	0.2	0.2
18	0.1	0.1	0.1	0.1	0.1	0.1	---	0.2	0.2	0.2	0.2	0.2
19	0.1	0.1	0.1	0.1	0.1	0.1	---	0.2	0.2	0.2	0.2	0.2
20	0.1	0.1	0.1	0.1	0.1	0.1	---	0.2	0.1	0.2	0.2	0.2
21	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
22	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
23	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
24	0.1	0.1	0.1	0.1	---	0.1	0.1	0.2	0.1	0.2	0.2	0.2
25	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
26	0.1	0.1	0.1	0.1	0.1	0.1	---	0.2	0.2	0.2	0.2	0.2
27	0.3	0.1	0.1	0.1	0.1	0.1	---	0.2	0.2	0.2	0.2	0.2
28	0.2	0.1	0.1	0.1	0.1	0.1	---	0.2	0.1	0.1	0.2	0.2
29	0.1	0.1	0.1	0.1	---	0.1	0.1	0.2	0.1	0.2	0.1	0.2
30	0.1	0.1	0.1	0.1	---	0.1	0.1	0.2	0.1	0.2	0.2	0.2
31	0.1	---	0.1	0.1	---	0.1	---	0.2	---	0.2	0.2	---
MEAN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
MAX	2.3	0.1	0.1	0.1	0.1	0.7	0.1	0.2	0.2	0.7	0.2	0.2
MIN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
WTR YR 2001	MEAN	0.14	MAX	2.28	MIN	0.12						

**See also Surface Water Streamflow and Storage Volume data.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Reservoir Depths

**Station Number:** 5993      **Name:** Hesperus Dam  
**Drainage Area:** 2.91 mi<sup>2</sup>  
**Period of Record:** December 18, 1996 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0
2	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0
3	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.9	0.9
4	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.9	1.0
5	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0
6	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.9	1.0
7	0.9	0.9	0.9	0.9	0.9	1.0	0.9	0.9	0.9	0.9	0.9	0.9
8	0.9	0.9	0.9	0.9	0.9	1.0	0.9	0.9	0.9	1.0	0.9	0.9
9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	---	0.9	1.0	1.0	0.9
10	0.9	0.9	0.9	0.9	0.9	0.9	0.9	---	0.9	0.9	1.0	0.9
11	0.9	0.9	0.9	0.9	0.9	0.9	0.9	---	0.9	1.0	1.0	0.9
12	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0
13	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0
14	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0
15	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0
16	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.9	0.9
17	0.9	0.9	0.9	0.9	0.9	0.9	0.9	---	0.9	0.9	1.0	0.9
18	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0
19	0.9	0.9	0.9	0.9	0.9	0.9	---	1.0	0.9	0.9	1.0	1.0
20	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.9
21	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.9
22	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.9
23	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
24	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
25	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
26	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.9	0.9
27	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0
28	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0
29	0.9	0.9	0.9	0.9	---	0.9	0.9	0.9	0.9	1.0	1.0	1.0
30	0.9	0.9	0.9	0.9	---	0.9	0.9	0.9	0.9	1.0	1.0	0.9
31	0.9	---	0.9	0.9	---	0.9	---	0.9	---	1.0	1.0	---
MEAN	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0
MAX	3.1	0.9	0.9	0.9	0.9	1.1	0.9	1.0	0.9	1.0	1.0	1.0
MIN	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
WTR YR 2001	MEAN	0.94	MAX	3.09	MIN	0.93						

**See also Surface Water Streamflow and Storage Volume data.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Reservoir Depths

**Station Number:** 6503      **Name:** Guadalupe FRS  
**Drainage Area:** 1.87 mi<sup>2</sup>  
**Period of Record:** June 29, 1989 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
6	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
7	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
8	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
9	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
10	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
11	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
12	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
13	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
14	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
15	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
16	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
17	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
18	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
19	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
20	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
21	0.8	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
22	2.7	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
23	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
24	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
25	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
26	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
27	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
28	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
29	0.3	0.3	0.3	0.3	---	0.3	0.3	0.3	0.3	0.3	0.3	0.3
30	0.3	0.3	0.3	0.3	---	0.3	0.3	0.3	0.3	0.3	0.3	0.3
31	0.3	---	0.3	0.3	---	0.3	---	0.3	---	0.3	0.3	---
MEAN	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
MAX	4.1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
MIN	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
WTR YR 2001	MEAN	0.27	MAX	4.07	MIN	0.26						

**See also Surface Water Streamflow and Storage Volume data.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Reservoir Depths

**Station Number:** 6608      **Name:** Freestone Basin  
**Drainage Area:** 4.26 mi<sup>2</sup> (area downstream of Eastern Canal only, does not include area from overflows of Eastern Canal)  
**Period of Record:** December 19, 1996 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.9	0.6	0.1	0.3	0.1	2.4	0.1	0.2	0.6	1.3	1.8	1.1
2	0.9	0.0	0.1	0.3	0.1	1.2	0.1	0.0	1.8	1.0	2.3	1.3
3	0.9	0.0	0.1	0.3	0.3	0.1	0.1	0.6	1.6	0.7	1.6	1.5
4	1.7	0.0	0.1	0.3	0.6	0.1	0.1	0.7	0.6	0.6	1.6	1.0
5	1.8	0.0	0.1	0.2	0.8	0.2	0.4	0.2	0.1	0.5	1.6	0.0
6	1.5	0.5	0.1	0.2	0.8	0.3	2.9	0.7	0.3	0.5	1.7	0.5
7	1.3	1.0	0.1	0.2	0.8	3.3	3.1	0.4	0.5	0.7	1.4	0.7
8	1.0	0.6	0.1	0.3	0.8	4.7	3.0	0.0	0.6	0.9	2.1	1.3
9	0.8	0.0	0.1	0.8	0.8	3.4	1.4	0.1	0.7	1.0	1.4	1.6
10	1.5	0.0	0.1	0.8	1.0	0.8	0.3	0.1	0.7	1.0	0.1	0.6
11	2.0	0.3	0.2	2.0	1.0	1.3	0.6	0.1	0.7	0.4	0.5	1.3
12	---	0.3	0.3	3.2	1.0	1.3	0.5	0.1	0.7	0.1	0.7	0.7
13	---	0.3	0.3	3.5	1.1	1.2	0.3	0.1	0.2	0.8	0.9	0.4
14	---	0.3	0.2	3.5	1.2	1.2	0.1	0.1	0.4	1.1	1.2	0.9
15	---	0.3	0.3	3.3	1.5	1.2	0.1	0.1	0.3	1.5	1.2	1.3
16	1.2	0.2	0.3	4.0	1.5	1.1	0.1	0.1	0.1	0.6	1.3	1.5
17	0.3	0.2	0.3	4.2	1.5	1.2	0.2	0.1	0.3	1.7	1.4	1.6
18	0.0	0.2	0.3	4.0	1.5	1.2	0.2	0.1	0.4	3.5	1.4	1.6
19	0.3	0.2	0.3	2.3	1.5	1.1	0.2	0.1	0.5	1.8	1.4	1.2
20	0.2	0.2	0.3	0.1	1.5	0.6	0.3	0.5	1.3	0.7	1.3	2.0
21	0.3	0.2	0.3	0.1	0.7	0.0	0.7	0.6	0.4	1.7	1.2	1.9
22	1.2	0.2	0.3	0.2	0.0	0.1	1.9	0.1	0.1	1.6	1.0	1.8
23	1.2	0.2	0.3	0.6	0.0	0.1	0.8	0.3	0.9	1.6	1.2	1.7
24	1.2	0.2	0.3	0.7	0.3	0.1	0.0	0.4	0.9	1.5	1.2	1.4
25	1.1	0.2	0.3	0.8	0.5	0.1	0.3	0.2	1.0	2.2	1.4	1.5
26	1.0	0.2	0.3	0.8	1.2	0.2	0.4	0.8	1.0	2.5	1.7	2.3
27	0.4	0.1	0.3	2.5	1.3	0.7	0.2	1.6	1.2	1.0	1.6	0.6
28	1.2	0.1	0.3	3.4	2.0	0.7	0.1	1.9	1.8	0.6	0.4	0.1
29	1.2	0.1	0.3	1.8	---	0.3	0.1	1.0	1.7	0.9	0.1	0.4
30	1.0	0.1	0.3	0.1	---	0.1	0.1	0.0	1.6	2.6	0.6	0.8
31	0.9	---	0.3	0.1	---	0.2	---	0.1	---	1.6	0.9	---
MEAN	1.1	0.2	0.2	1.4	0.9	1.0	0.6	0.4	0.8	1.2	1.2	1.2
MAX	2.2	1.0	0.3	4.2	2.3	4.8	3.2	2.1	1.9	3.7	2.8	2.3
MIN	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WTR YR 2001	MEAN	0.86	MAX	4.75	MIN	0.00						

Many days of impoundment due to irrigation tailwater. The gage is located inside a pump housing that, when stage reaches a certain level, pumps water from the gage house and basin. The daily stage values fluctuate substantially. Gage Heights above 10.0 feet are generally caused by storm events.

See also Storage Volume data.

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Reservoir Depths

**Station Number:** 6623      **Name:** Crossroads Park  
**Drainage Area:** 15.7 mi<sup>2</sup> (area downstream of US 60 only, does not include area from Eastern Canal tailwater ditch under US 60)  
**Period of Record:** December 18, 1996 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
6	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
7	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
8	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
10	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
11	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
12	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
13	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
14	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
15	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
16	---	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
17	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
18	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
19	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
20	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
21	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
22	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
23	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
24	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
25	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
26	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
27	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
28	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
29	1.3	1.3	1.3	1.3	---	1.3	1.3	1.3	1.3	1.3	1.3	1.3
30	1.3	1.3	1.3	1.3	---	1.3	1.3	1.3	1.3	1.3	1.3	1.3
31	1.3	---	1.3	1.3	---	1.3	---	1.3	---	1.3	1.3	---
MEAN	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
MAX	1.3	1.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
MIN	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
WTR YR 2001	MEAN	1.33	MAX	1.56	MIN	1.33						

**See also Storage Volume data.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Reservoir Depths

**Station Number:** 6628      **Name:** Signal Butte FRS  
**Drainage Area:** 16.4 mi<sup>2</sup> not including area from Apache Junction FRS  
**Period of Record:** November 10, 1987 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-0.2	5.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
2	-0.2	4.8	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
3	-0.2	4.4	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
4	-0.2	4.0	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
5	-0.2	3.7	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
6	-0.2	3.4	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
7	-0.2	3.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
8	-0.2	3.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
9	-0.2	2.8	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
10	-0.2	3.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
11	-0.2	2.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
12	-0.2	1.8	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
13	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
14	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
15	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
16	-0.2	-0.2	-0.2	0.0	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
17	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
18	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
19	1.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
20	3.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
21	3.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
22	5.5	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
23	5.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
24	4.6	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
25	4.0	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
26	3.5	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
27	4.5	-0.2	-0.2	0.8	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
28	7.7	-0.2	-0.2	1.6	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
29	7.1	-0.2	-0.2	0.4	---	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
30	6.5	-0.2	-0.2	-0.2	---	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
31	5.9	---	-0.2	-0.2	---	-0.2	---	-0.2	---	-0.2	-0.2	---
MEAN	1.9	1.2	-0.2	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
MAX	7.8	5.4	-0.2	1.7	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.3	-0.2
MIN	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
WTR YR 2001	MEAN	0.06	MAX	7.76	MIN	-0.25						

**See also Surface Water Streamflow and Storage Volume data.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Reservoir Depths

**Station Number:** 6673      **Name:** Apache Jct. FRS  
**Drainage Area:** 5.8 mi<sup>2</sup>  
**Period of Record:** November 1987 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
3	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
6	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
7	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1
8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
11	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
12	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
13	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1
14	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
15	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
16	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
18	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
19	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
21	1.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
22	1.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
23	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
24	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
25	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
26	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
27	1.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
28	0.9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---
29	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	---
30	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	---
31	0.1	---	0.1	0.1	---	0.1	---	0.1	---	0.1	0.1	---
MEAN	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
MAX	4.2	0.8	0.1	0.2	0.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1
MIN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
WTR YR 2001	MEAN	0.14	MAX	4.23	MIN	0.13						

**See also Surface Water Streamflow and Storage Volume data.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Reservoir Depths

**Station Number:** 6683      **Name:** Powerline FRS  
**Drainage Area:** 49.9 mi<sup>2</sup>  
**Period of Record:** December 3, 1992 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2
5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2
6	0.2	0.5	0.2	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2
7	0.2	1.1	0.2	0.2	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.2
8	0.2	0.6	0.2	0.2	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.2
9	0.2	0.5	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
13	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	0.6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	2.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	1.7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
24	1.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25	0.6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
27	0.8	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	2.4	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	1.7	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
30	1.3	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.4	0.2	0.2
31	0.8	---	0.2	0.2	---	0.2	---	0.2	---	0.2	0.2	---
MEAN	0.6	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
MAX	2.7	1.3	0.2	0.8	0.2	0.7	0.2	0.2	0.2	0.4	0.6	0.2
MIN	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
WTR YR 2001	MEAN	0.24	MAX	2.67	MIN	0.20						

**See also Surface Water Streamflow and Storage Volume data.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Reservoir Depths

**Station Number:** 6688      **Name:** Vineyard FRS  
**Drainage Area:** 57.8 mi<sup>2</sup>  
**Period of Record:** November 1987 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	1.4	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
7	0.0	3.5	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
8	0.0	3.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.6	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0
16	0.0	0.4	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0
17	0.0	0.2	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0
18	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---
23	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---
24	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	1.4	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
26	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	3.1	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	2.6	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.3	0.0	0.0
31	2.2	---	0.0	0.0	---	0.0	---	0.0	---	0.1	0.0	---
MEAN	0.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAX	3.4	3.5	0.0	0.2	0.1	0.2	0.1	0.0	0.0	0.4	0.0	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WTR YR 2001	MEAN	0.12	MAX	3.53	MIN	0.00						

**See also Surface Water Streamflow and Storage Volume data.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Reservoir Depths

**Station Number:** 6703      **Name:** Rittenhouse FRS  
**Drainage Area:** 51.3 mi<sup>2</sup>  
**Period of Record:** September 27, 1988 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
6	0.1	2.4	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1
7	0.1	6.6	0.1	0.1	0.1	1.3	0.1	0.1	0.1	0.1	0.1	0.1
8	0.1	3.3	0.1	0.1	0.1	0.6	0.1	0.1	0.1	0.1	0.1	0.1
9	0.1	0.5	0.1	1.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1
10	0.4	0.3	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
11	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
12	0.1	0.1	0.1	0.7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
13	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
14	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
15	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
16	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	1.2	0.1
18	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
19	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
20	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
21	0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
22	6.7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
23	4.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
24	0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
25	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
26	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
27	2.1	0.1	0.1	1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
28	6.4	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
29	3.5	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1
30	0.6	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1
31	2.1	---	0.1	0.1	---	0.1	---	0.1	---	0.1	0.1	---
MEAN	1.0	0.6	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.1
MAX	7.4	7.8	0.1	2.6	0.1	2.9	0.3	0.1	0.1	0.1	2.7	0.1
MIN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
WTR YR 2001	MEAN	0.26	MAX	7.76	MIN	0.13						

**See also Surface Water Streamflow and Storage Volume data.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Streamflow

**Station Number:** 6739      **Name:** Whitlow Ranch Dam  
**Drainage Area:** 143 mi<sup>2</sup>  
**Period of Record:** FCDMC – January 8, 1998 to current year\*  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.3	3.3	---	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
2	3.3	3.3	---	3.3	3.3	3.3	3.3	3.3	---	3.3	3.3	3.3
3	3.3	3.3	---	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
4	3.3	3.3	---	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
5	3.3	3.3	---	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
6	3.3	3.3	---	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
7	3.4	3.3	---	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
8	3.3	3.3	---	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
9	3.3	3.3	---	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
10	3.3	3.3	---	---	3.3	3.6	3.3	3.3	3.3	3.3	---	3.3
11	---	3.3	---	3.3	3.3	3.8	3.3	3.3	3.3	3.3	---	3.3
12	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	---	3.3
13	3.3	3.3	3.3	---	3.3	3.3	3.3	3.3	3.3	3.3	---	3.3
14	3.3	3.3	3.3	---	3.3	3.3	3.3	3.3	3.3	3.3	3.7	3.5
15	3.3	3.3	3.3	---	3.3	3.3	3.3	3.3	3.3	3.3	3.5	3.3
16	3.3	3.3	3.3	---	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
17	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
18	3.4	---	3.3	3.3	3.3	---	3.3	3.3	3.3	3.3	3.3	3.3
19	3.3	---	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
20	3.4	---	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
21	3.3	---	---	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
22	3.3	---	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
23	3.3	---	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
24	3.4	---	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
25	3.3	---	3.3	3.3	---	3.3	3.3	3.3	3.3	3.3	3.3	3.3
26	3.3	---	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
27	3.3	---	3.3	3.3	3.3	3.3	3.3	---	3.3	3.3	3.3	3.3
28	3.4	---	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
29	3.3	---	3.3	3.3	---	3.3	3.3	3.3	3.3	3.3	3.3	3.3
30	3.3	---	3.3	3.3	---	3.3	3.3	3.3	3.3	3.3	3.3	3.3
31	3.3	---	3.3	3.3	---	3.3	---	3.3	---	3.3	3.3	---
MEAN	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
MAX	3.4	3.3	3.3	3.3	3.3	5.3	3.3	3.3	3.3	3.3	3.8	4.6
MIN	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
WTR YR 2001	MEAN	3.31	MAX	5.26	MIN	3.30						

**NOTE: Gage becomes disconnected from the USACOE gaging equipment on occasion. There may have been several impoundments behind the dam during the water year that may not have been recorded by FCDMC gaging equipment. For more information, refer to the U.S. Army Corps of Engineers, Los Angeles District.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Reservoir Depths

**Station Number:** 6813      **Name:** Buckeye FRS #3  
**Drainage Area:** 9.3 mi<sup>2</sup>  
**Period of Record:** November 23, 1992 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
2	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
3	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
4	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
5	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
6	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.0	-4.1	-4.1
7	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
8	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
9	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
10	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
11	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
12	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
13	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
14	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
15	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
16	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
17	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
18	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	---	-4.1	-4.1	-4.1	-4.1
19	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
20	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
21	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
22	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
23	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
24	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
25	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
26	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
27	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	---	-4.1	-4.1	-4.1	-4.1
28	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	---	-4.1	-4.1	-4.1	-4.1
29	-4.1	-4.1	-4.1	-4.1	---	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
30	-4.1	-4.1	-4.1	-4.1	---	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
31	-4.1	---	-4.1	-4.1	---	-4.1	---	-4.1	---	-4.1	-4.1	---
MEAN	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
MAX	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-3.1	-4.1	-4.1
MIN	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
WTR YR 2001	MEAN	-4.08	MAX	-3.11	MIN	-4.08						

**Note:** Instrument is 4.08 feet below zero gage datum at invert of principal outlet, which is located in a depressed drop box type inlet structure. Gage datum of 0.00 feet is taken to be the point at the top of the drop box which is level with the ground at the inlet structure.

See also Surface Water Streamflow and Storage Volume data.

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Reservoir Depths

**Station Number:** 6823      **Name:** White Tanks #4 FRS  
**Drainage Area:** 18.6 mi<sup>2</sup> (White Tanks ADMS)  
**Period of Record:** November 1987 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

*No recorded impoundment during Water Year 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	0.0	0.0	---
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WTR YR 2001	MEAN	0.00	MAX	0.00	MIN	0.00						

**See also Surface Water Streamflow and Storage Volume data.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Reservoir Depths

**Station Number:** 7133      **Name:** Casandro Dam  
**Drainage Area:** 1.3 mi<sup>2</sup>  
**Period of Record:** August 15, 1996 to current year  
*Depth, in feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4	0.2	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2
5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2.6	0.2	0.2
7	0.2	0.2	0.2	0.2	0.2	0.6	0.2	0.2	0.2	0.8	0.2	0.2
8	0.2	0.2	0.2	0.2	0.2	0.4	0.2	0.2	0.2	0.5	0.2	0.2
9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.2	0.2
10	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
11	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
13	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.2	0.2
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	0.8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	2.1	0.2	0.2	0.2	0.2	2.4	0.2	0.2	0.2	0.2	0.2	0.2
23	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
27	3.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	2.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
30	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
31	0.2	---	0.2	0.2	---	0.2	---	0.2	---	0.2	0.2	---
MEAN	0.4	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.3	0.2	0.2
MAX	7.2	0.2	0.2	0.2	0.2	4.9	0.2	0.2	0.2	6.1	0.2	0.2
MIN	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
WTR YR 2001	MEAN	0.23	MAX	7.22	MIN	0.19						

**See also Surface Water Streamflow and Storage Volume data.**

# **STORAGE VOLUME DATA**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Storage Volumes

**Station Number:** 0772\*      **Name:** Tat Momolikot Cap  
**Drainage Area:** 1,780 mi<sup>2</sup>  
**Period of Record:** January 21, 1998 to current year  
**Spillway Capacity:** 198,545 acre-feet  
*Volume, in acre-feet, Water Year 2001 --- October 2000 to September 2001*

### Maximum Storage during Water Year 2001

Day	Maximum Storage		Daily Mean Values											
	(ac-ft)	(%full)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
11/09	825	0.7												
1	477	776	502	298	311	56	391					513	394	
2	461	772	493	295	307		383					489	379	
3	447	743	554	297	302		373					469	371	
4	429	719	576	297	298	175	358					497	355	
5	421	692	471	297	289	22	355					807	344	
6	403	677	461	283	282	17	348					805	332	
7	396	699	451	269	274	196	337					773	322	
8	385	860	444	264	271	611	332					742	309	
9	371	922	434	259	271	774	322					714	296	
10	368	904	431	260	271	752	321					697	293	
11	356	845	427	255	268	716	312				3	720	283	
12	347	812	419	253	266	694	297				291	707	276	
13	337	785	410	261	260	665	294				330	688	268	
14	327	761	407	272	250	645	284				312	670	255	
15	311	735	399	266	246	624	275				300	653	250	
16	302	704	393	251	238	609	267				285	633	242	
17	297	685	379	99	209	586	263				267	617	230	
18	281	683	374	154	232	570	257				253	601	220	
19	271	659	368	246	227	550	249				244	586	196	
20	267	637	361	244	223	535	237				235	568	138	
21	259	637	359	232	225	524	230				232	553	46	
22	255	608	355	225	225	444	231				223	538	52	
23	335	589	348	224	215	497	222				212	525	50	
24	454	577	343	219	209	488	216				205	508	63	
25	481	565	338	218	202	475	209				212	492	69	
26	483	557	338	217	188	458	200				246	479	43	
27	486	540	187	241	140	450	176				240	464	43	
28	612	534	316	297	138	441	71				227	452	52	
29	757	534	313	320	---	429					219	442	43	
30	738	517	310	323	---	415					213	424	69	
31	722	---	307	320	---	402	---			---	440	413	---	
MEAN	414	691	396	257	244	446	260	0	0	167	588	210		
MAX	766	925	591	699	307	781	390	0	0	529	817	395		
MIN	246	503	0	0	69	0	0	0	0	0	395	0		
WTR YR 2001	MEAN	307	MAX	925	MIN	0								

\*Gage ID was 0769 prior to January 24, 2000.

\*\*FCD Operated gage since January 1998. However, previous gage did not work properly. A pressure transducer gage was installed January 24, 2000 and all previous data were deleted. Previously, the US Army Corps of Engineers, Los Angeles District maintained a gage at this location.

See also Surface Water Streamflow and Pool Level data.

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Storage Volumes

**Station Number:** 4562      **Name:** Spookhill FRS Cap  
**Drainage Area:** 13.6 mi<sup>2</sup>  
**Period of Record:** November 1987 to current year  
**Spillway Capacity:** 1,391 acre-feet  
*Volume, in acre feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	12											
11	3											
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22	8											
23	1											
24												
25												
26												
27	18											
28	31											
29	1											
30												
31		---			---		---		---			---
MEAN	2	0	0	0	0	0	0	0	0	0	0	0
MAX	60	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		0	MAX	60	MIN	0					

**See also Surface Water Streamflow and Pool Level data.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Storage Volumes

**Station Number:** 4647      **Name:** E.Fork CC #1 Cap  
**Drainage Area:** 1.18 mi<sup>2</sup>  
**Period of Record:** March 2, 1994 to current year  
**Spillway Capacity:** 59 acre-feet  
*Volume, in acre feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6						1						
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29	3				---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	18	0	0	0	0	17	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		0	MAX	18	MIN	0					

**See also Surface Water Streamflow and Pool Level data.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Storage Volumes

**Station Number:** 4652      **Name:** Tatum Basin Cap

**Drainage Area:** 2.17 mi<sup>2</sup>

**Period of Record:** May 8, 1998 to current year

**Spillway Capacity:** 32.7 acre-feet

*Volume, in acre feet, Water Year 2001 --- October 2000 to September 2001*

*No recorded impoundment during Water Year 2001*

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		0	MAX	0	MIN	0					

**See also Surface Water Streamflow and Pool Level data.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Storage Volumes

Station Number: 4657      Name: E.Fork CC #4 Cap

Drainage Area: 0.68 mi<sup>2</sup>

Period of Record: January 18, 1994

Spillway Capacity: 74 acre-feet

Volume, in acre feet, Water Year 2001 --- October 2000 to September 2001

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17							9					
18												
19					7							
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	3	0	1	1	22	23	1	0	0	0	1	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		0	MAX	23	MIN	0					

See also Surface Water Streamflow and Pool Level data.

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Storage Volumes

**Station Number:** 4682      **Name:** E.Fork CC #3 Cap  
**Drainage Area:** 3.52 mi<sup>2</sup> (1.86 mi<sup>2</sup> controlled by EFCC#1 and EFCC#4)  
**Period of Record:** September 13, 1994 to current year  
**Spillway Capacity:** 175 acre-feet  
*Volume, in acre feet, Water Year 2001 --- October 2000 to September 2001*

*No significant mpound during Water Year 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
<hr style="border-top: 1px dashed black;"/>												
WTR YR 2001	MEAN	0		MAX	0	MIN	0					

**See also Surface Water Streamflow and Pool Level data.**

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Storage Volumes

**Station Number:** 4802      **Name:** Dreamy Draw Dam Cap

**Drainage Area:** 1.3 mi<sup>2</sup>

**Period of Record:** November 1987 to current year

**Revised Records:** WY1996: WY1995

*Volume, in acre feet, Water Year 2001 --- October 2000 to September 2001*

***No significant impound during Water Year 2001***

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		0	MAX	0	MIN	0					

**See also Surface Water Streamflow and Pool Level data.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Storage Volumes

**Station Number:** 4817      **Name:** 10 St.Wash #1 Cap  
**Drainage Area:** 1.21 mi<sup>2</sup>  
**Period of Record:** November 26, 1996 to current year  
**Spillway Capacity:** 21.64 acre-feet  
*Volume, in acre feet, Water Year 2001 --- October 2000 to September 2001*

*No significant impound during Water Year 2001*

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	1	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		0	MAX	1	MIN	0					

**See also Surface Water Streamflow and Pool Level data.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Storage Volumes

**Station Number:** 4902      **Name:** Cave Buttes Dam Cap

**Drainage Area:** 191 mi<sup>2</sup>

**Period of Record:** November 1987 to current year

**Spillway Capacity:** 46,100 acre-feet

*Volume, in acre feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		3									---	
2		1									---	
3											---	
4											---	
5											---	
6											---	
7						1					---	
8											---	
9											---	
10											---	
11											---	
12											---	
13											---	
14											---	
15											---	
16											---	
17											---	
18											---	
19											---	
20											---	
21											---	
22	302										---	
23	347										---	
24	66										---	
25	47										---	
26	1										1	---
27	35			7						---	---	
28	41			15						---	---	
29	6				---					---	---	
30	6				---					---	---	
31	26	---			---		---		---	---	---	---
MEAN	28	0	0	1	0	0	0	0	0	0	0	0
MAX	545	7	0	71	0	6	0	0	0	0	6	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		2	MAX	545	MIN	0					

**See also Surface Water Streamflow (4903) and Pool Level (4899) data.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Storage Volumes

**Station Number:** 5112      **Name:** Saddleback FRS Cap  
**Drainage Area:** 29.6 mi<sup>2</sup>  
**Period of Record:** December 16, 1988 to current year  
**Spillway Capacity:** 6,743 acre-feet  
*Volume, in acre feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22	3											
23												
24												
25												
26												
27	14											
28	31											
29					---							
30					---							
31		---			---		---		---			---
MEAN	2	0	0	0	0	0	0	0	0	0	0	0
MAX	65	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		0	MAX	65	MIN	0					

See also Surface Water Streamflow and Pool Level data.

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Storage Volumes

**Station Number:** 5127      **Name:** Harquahala FRS Cap  
**Drainage Area:** 102.3 mi<sup>2</sup>  
**Period of Record:** March 1, 1994 to current year  
**Spillway Capacity:** 8,689 acre-feet  
*Volume, in acre feet, Water Year 2001 --- October 2000 to September 2001*

### Maximum Storage during Water Year 2001

<u>Day</u>	<u>Maximum Storage</u>	
	<u>(ac-ft)</u>	<u>(%full)</u>
10/28	492	5.3

### Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		8										
2		6										
3		4										
4		3										
5		2										
6		1										
7		1										
8		1										
9		1										
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27	90											
28	29											
29	21				---							
30	15				---							
31	11	---			---		---		---			---
MEAN	5	1	0	0	0	0	0	0	0	0	0	0
MAX	492	8	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		1	MAX	492	MIN	0					

**See also Surface Water Streamflow and Pool Level data.**

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Storage Volumes

**Station Number:** 5202      **Name:** Buckeye FRS #1 Cap  
**Drainage Area:** 74 mi<sup>2</sup> without area from Buckeye FRS #2 and #3  
**Period of Record:** November 1987 to current year  
**Spillway Capacity:** 8,105 acre-feet  
 Volume, in acre-feet, Water Year October 2000 to September 2001

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	1											
14												
15											2	
16											1	
17												
18												
19												
20	1											
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	3	0	0	0	0	0	0	0	0	0	148	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		0	MAX	148	MIN	0					

See also Surface Water Streamflow and Pool Level data.

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Storage Volumes

**Station Number:** 5207      **Name:** Buckeye FRS #2 Cap  
**Drainage Area:** 5.7 mi<sup>2</sup> without area from Buckeye FRS #3  
**Period of Record:** November 11, 1992 to current year  
**Spillway Capacity:** 824 acre-feet  
 Volume, in acre-feet, Water Year October 2000 to September 2001

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	36	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		0	MAX	36	MIN	0					

**See also Surface Water Streamflow and Pool Level data.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Storage Volumes

**Station Number:** 5232      **Name:** Sunset FRS Cap  
**Drainage Area:** 0.95 mi<sup>2</sup> (from Wickenburg ADMS)  
**Period of Record:** February 12, 1989 to current year  
**Spillway Capacity:** 86 acre-feet  
*Volume, in acre feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6										2		
7						3				2		
8						4				1		
9						3				1		
10						2						
11						2						
12						1						
13						1						
14						1						
15						1						
16						1						
17						1						
18						1						
19												
20												
21	1											
22	10											
23	9											
24	8											
25	7											
26	5											
27	6											
28	5											
29	1											
30												
31		---			---		---		---			---
MEAN	2	0	0	0	0	1	0	0	0	0	0	0
MAX	14	0	0	0	0	4	0	0	0	3	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		0	MAX	14	MIN	0					

**See also Surface Water Streamflow and Pool Level data.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Storage Volumes

**Station Number:** 5247      **Name:** Sunnycove FRS Cap  
**Drainage Area:** 0.98 mi<sup>2</sup> (from Wickenburg ADMS)  
**Period of Record:** November 1987 to current year  
**Spillway Capacity:** 216 acre-feet  
**Revised Records:** WY2000:WY1999  
*Volume, in acre feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		1										
2		1										
3		1										
4		1										
5		1										
6		1								4		
7		1								5		
8		1				1				4		
9		1				1				3		
10		1				1						
11		1				1						
12						1						
13						1						
14						1						
15						1						
16						1						
17												
18						1						
19						---						
20												
21												
22	3							---				
23	3							---				
24	3											
25	3											
26	2											
27	9											
28	9											
29	4					---						
30	2					---						
31	1	---				---		---		---		---
MEAN	1	0	0	0	0	0	0	0	0	1	0	0
MAX	22	1	0	0	0	1	0	0	0	8	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		0	MAX	22	MIN	0					

See also Surface Water Streamflow and Pool Level data.

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Storage Volumes

**Station Number:** 5417      **Name:** White Tanks #3 Cap  
**Drainage Area:** 20.5 mi<sup>2</sup> (White Tanks ADMS)  
**Period of Record:** November 1987 to current year  
**Spillway Capacity:** 3,134 acre-feet  
*Volume, in acre feet, Water Year 2001 --- October 2000 to September 2001*

*No recorded impound during Water Year 2001*

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		0	MAX	0	MIN	0					

**See also Surface Water Streamflow and Pool Level data.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Storage Volumes

**Station Number:** 5447      **Name:** McMicken Dam Cap  
**Drainage Area:** 247 mi<sup>2</sup>  
**Period of Record:** November 1987 to current year  
**Spillway Capacity:** 20,070 acre-feet  
*Volume, in acre feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27	35											
28	144											
29	2				---							
30					---							
31		---			---		---		---			---
MEAN	6	0	0	0	0	0	0	0	0	0	0	0
MAX	188	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		0	MAX	188	MIN	0					

**See also Surface Water Streamflow and Pool Level data.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Storage Volumes

**Station Number:** 5537      **Name:** Adobe Dam Cap  
**Drainage Area:** 89.6 mi<sup>2</sup>  
**Period of Record:** November 1987 to current year  
**Spillway Capacity:** 18,776 acre-feet  
*Volume, in acre-feet, Water Year October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		24										
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22	104											
23	33											
24	25											
25												
26												
27	6			17								
28	33			23								
29												
30	2											
31	40	---										---
MEAN	8	1	0	1	0	0	0	0	0	0	0	0
MAX	224	26	0	27	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		1	MAX	224	MIN	0					

**See also Surface Water Streamflow and Pool Level data.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Storage Volumes

**Station Number:** 5612      **Name:** New River Dam Cap

**Drainage Area:** 164 mi<sup>2</sup>

**Period of Record:** November 1987 to current year

**Spillway Capacity:** 43,700 acre-feet

*Volume, in acre feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		166										
2		44										
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23	195											
24	298											
25	298											
26	298											
27	298											
28	298											
29	298				---							
30	120				---							
31	249	---			---		---		---			---
MEAN	76	7	0	0	0	0	0	0	0	0	0	0
MAX	306	237	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		7	MAX	306	MIN	0					

**See also Surface Water Streamflow and Pool Level data.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Storage Volumes

**Station Number:** 5967      **Name:** StoneRidge Dam Cap

**Drainage Area:** 0.86 mi<sup>2</sup>

**Period of Record:** December 11, 1996 to current year

**Spillway Capacity:** 66.2 acre-feet

*Volume, in acre feet, Water Year 2001 --- October 2000 to September 2001*

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	1	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		0	MAX	1	MIN	0					

**See also Surface Water Streamflow and Pool Level data.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Storage Volumes

**Station Number:** 5972      **Name:** SunRidge Canyon Cap

**Drainage Area:** 1.6 mi<sup>2</sup>

**Period of Record:** February 4, 1997 to current year

**Spillway Capacity:** 94 acre-feet

*Volume, in acre feet, Water Year 2001 --- October 2000 to September 2001*

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		0	MAX	0	MIN	0					

**See also Surface Water Streamflow and Pool Level data.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Storage Volumes

**Station Number:** 5977      **Name:** GoldenEaglePark Cap  
**Drainage Area:** 7.13 mi<sup>2</sup> of which 2.02 mi<sup>2</sup>, 2.13 mi<sup>2</sup>, and 1.6 mi<sup>2</sup> are controlled by Aspen, North Heights, and SunRidge Canyon Dams, respectively.  
**Period of Record:** December 12, 1996 to current year  
**Spillway Capacity:** 95 acre-feet  
*Volume, in acre feet, Water Year 2001 --- October 2000 to September 2001*

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	1	0	0	3	1	0	0	2	1	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		0	MAX	3	MIN	0					

**NOTE:** Dam was breached for construction in May 2000. A new outlet structure is being constructed and the dam height is being increased. Gage was moved to the north inlet channel and behind the temporary construction berm and thus the height of the instrument has increased. From October 1, 2000 to March 4, 2001, gage heights represent that from the north inlet channel. From March 5, 2001 to September 30, 2001, gage heights represent impound behind the dam.

See also Surface Water Streamflow and Pool Level data.

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Storage Volumes

**Station Number:** 5982      **Name:** N. Heights Dam Cap

**Drainage Area:** 2.13 mi<sup>2</sup>

**Period of Record:** October 11, 1996

**Spillway Capacity:** 138 acre-feet

*Volume, in acre feet, Water Year 2001 --- October 2000 to September 2001*

***No recorded impoundments during Water Year 2001***

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		0	MAX	0	MIN	0					

**See also Surface Water Streamflow and Pool Level data.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Storage Volumes

**Station Number:** 5987      **Name:** Aspen Dam Cap

**Drainage Area:** 2.02 mi<sup>2</sup>

**Period of Record:** January 2, 1997 to current year

**Spillway Capacity:** 183 acre-feet

*Volume, in acre feet, Water Year 2001 --- October 2000 to September 2001*

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		0	MAX	1	MIN	0					

**See also Surface Water Streamflow and Pool Level data.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Storage Volumes

**Station Number:** 5992      **Name:** Hesperus Dam Cap  
**Drainage Area:** 2.91 mi<sup>2</sup>  
**Period of Record:** December 18, 1996 to current year  
**Spillway Capacity:** 276 acre-feet  
*Volume, in acre feet, Water Year 2001 --- October 2000 to September 2001*

*No recorded impoundments during Water Year 2001*

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		0	MAX	0	MIN	0					

**See also Surface Water Streamflow and Pool Level data.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Storage Volumes

**Station Number:** 6502      **Name:** Guadalupe FRS Cap  
**Drainage Area:** 1.87 mi<sup>2</sup>  
**Period of Record:** June 29, 1989 to current year  
**Spillway Capacity:** 329 acre-feet  
*Volume, in acre-feet, Water Year October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21	1											
22	5											
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	10	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		0	MAX	10	MIN	0					

**See also Surface Water Streamflow and Pool Level data.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Storage Volumes

**Station Number:** 6608      **Name:** Freestone Basin  
**Drainage Area:** 4.26 mi<sup>2</sup> (area downstream of Eastern Canal only, does not include area from overflows of Eastern Canal)  
**Period of Record:** December 19, 1995 to current year  
**Spillway Capacity:** 218 acre-feet  
*Volume, in acre-feet, Water Year October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1	1				3			1	1	2	1
2	1					1			2	1	3	1
3	1							1	2	1	2	1
4	2				1			1	1	1	2	1
5	2				1						1	
6	1				1		4	1			2	
7	1	1			1	7	5		1	1	1	1
8	1	1			1	11	5		1	1	2	1
9	1			1	1	7	2		1	1	2	2
10	2			1	1	1			1	1		1
11	2			3	1	1	1		1			1
12	---			5	1	1	1		1		1	1
13	---			7	1	1				1	1	
14	---			6	1	1				1	1	1
15	---			6	1	1				1	1	1
16	1			8	1	1				1	1	1
17				9	1	1				2	1	1
18				8	1	1				7	1	1
19				4	1	1			1	3	1	1
20					1	1			1	1	1	2
21					1		1	1		2	1	2
22	1						2			1	1	2
23	1			1			1		1	2	1	2
24	1			1					1	2	1	1
25	1			1					1	3	1	2
26	1			1	1			1	1	3	2	3
27				4	1	1		2	1	1	1	1
28	1			6	2	1		2	2	1		
29	1			3	---			1	2	1		
30	1				---				1	4	1	1
31	1	---			---		---		---	2	1	---
MEAN	1	0	0	2	1	1	1	0	1	1	1	1
MAX	3	1	0	9	3	12	5	2	2	7	4	3
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		1	MAX	12	MIN	0					

See also Pool Level data.

Many days of storage from irrigation tailwater. The gage is located inside a pump housing that, when stage reaches a certain level, pumps water from the gage house and basin. The daily stage values fluctuate substantially. Gage Heights above 10.0 feet are generally caused by storm events.

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Storage Volumes

**Station Number:** 6623      **Name:** Crossroads Park  
**Drainage Area:** 15.7 mi<sup>2</sup> (area downstream of US 60 only, does not include area from Eastern Canal tailwater ditch under US 60.)  
**Period of Record:** December 18, 1995 to current year  
**Spillway Capacity:** 456 acre-feet  
*Volume, in acre feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6		2										
7		11										
8		10										
9		1										
10												
11												
12												
13												
14												
15												
16	---											
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	1	0	0	0	0	0	0	0	0	0	0
MAX	0	12	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		0	MAX	12	MIN	0					

See also Pool Level data.

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Storage Volumes

**Station Number:** 6627      **Name:** Signal Butte FRS Cap  
**Drainage Area:** 16.4 mi<sup>2</sup> not including area from Apache Junction FRS  
**Period of Record:** November 10, 1987 to current year  
**Spillway Capacity:** 1,665 acre-feet  
*Volume, in acre feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		35						---	---	---		
2		28						---	---	---		
3		22						---	---			
4		18						---	---			
5		14						---	---			
6		11						---	---			
7		10						---	---			
8		9						---	---			
9		6						---	---			
10		10						---	---			
11		3					---	---	---			
12		2					---	---	---			
13							---	---	---			
14							---	---	---			
15							---	---	---			
16							---	---	---			
17							---	---	---			
18							---	---	---			
19	4						---	---	---			
20	9						---	---	---			
21	11						---	---	---			
22	38						---	---	---			
23	32						---	---	---			
24	24						---	---	---			
25	17						---	---	---			
26	12						---	---	---			
27	29						---	---	---			
28	83			1			---	---	---			
29	69				---		---	---	---			
30	56				---		---	---	---			
31	45	---			---		---	---	---			---
MEAN	14	6	0	0	0	0	0	---	---	0	0	0
MAX	85	35	0	1	0	0	0	---	---	0	0	0
MIN	0	0	0	0	0	0	0	---	---	0	0	0
WTR YR 2001	MEAN		2	MAX	85	MIN	0					

**See also Surface Water Streamflow and Pool Level data.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Storage Volumes

**Station Number:** 6672      **Name:** Apache Jct. FRS Cap

**Drainage Area:** 5.8 mi<sup>2</sup>

**Period of Record:** November 1987 to current year

**Spillway Capacity:** 676 acre-feet

*Volume, in acre feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21	1											
22	1											
23												
24												
25												
26												
27	3											
28	1											
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	10	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		0	MAX	10	MIN	0					

**See also Surface Water Streamflow and Pool Level data.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Storage Volumes

**Station Number:** 6682      **Name:** Powerline FRS Cap  
**Drainage Area:** 49.9 mi<sup>2</sup>  
**Period of Record:** December 3, 1992 to current year  
**Spillway Capacity:** 4,064 acre-feet  
*Volume, in acre feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		4										
2												
3												
4												
5												
6		7										
7		20				3						
8		7				4						
9		7		5								
10	1	4										
11												
12				1								
13												
14												
15												
16				3								
17				2							2	
18												
19												
20												
21	14											
22	84											
23	44											
24	24											
25	7											
26												
27	25			3								
28	91			4								
29	44				---							
30	24				---					5		
31	12	---			---		---		---			---
MEAN	12	2	0	1	0	0	0	0	0	0	0	0
MAX	111	24	0	11	0	8	0	0	0	5	7	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		1	MAX	111	MIN	0					

**See also Surface Water Streamflow and Pool Level data.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Storage Volumes

**Station Number:** 6687      **Name:** Vineyard FRS Cap  
**Drainage Area:** 57.8 mi<sup>2</sup>  
**Period of Record:** November 1987 to current year  
**Spillway Capacity:** 3,531 acre-feet  
*Volume, in acre-feet, Water Year October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		145										
2		91										
3		49										
4		35										
5		26										
6		134					4					
7		471				3	5					
8		417				5						
9		307				5						
10	3	203			3	5						
11	1	133										
12		77										
13		47										
14		34										
15		26										
16		18										
17		6										
18		5										
19		2										
20												
21	5											
22	41											
23	102											
24	132			2								
25	79			5		3						
26	46			4								
27	116			3								
28	422			5								
29	380			5	---					1		
30	274			5	---					11		
31	200	---			---		---		---	6		---
MEAN	58	74	0	1	0	1	0	0	0	1	0	0
MAX	455	487	0	6	6	6	6	0	0	19	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN	11	MAX	487	MIN	0						

**See also Surface Water Streamflow and Pool Level data.**

## Flood Control District of Maricopa County ALERT System Computation of Continuous Records of Storage Volumes

**Station Number:** 6702      **Name:** Rittenhouse FRS Cap  
**Drainage Area:** 51.3 mi<sup>2</sup>  
**Period of Record:** September 27, 1988 to current year  
**Spillway Capacity:** 3,475 acre-feet  
*Volume, in acre-feet, Water Year October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6		38										
7		103				1						
8		12										
9				1								
10												
11												
12												
13												
14												
15												
16												
17											1	
18												
19												
20												
21	4											
22	106											
23	28											
24												
25												
26												
27	26			1								
28	90											
29	14				---							
30					---							
31	1	---			---		---		---			---
MEAN	9	5	0	0	0	0	0	0	0	0	0	0
MAX	145	171	0	2	0	2	0	0	0	0	2	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		1	MAX	171	MIN	0					

See also Surface Water Streamflow and Pool Level data.

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Storage Volumes

**Station Number:** 6742      **Name:** Whitlow Dam Capacity

**Drainage Area:** 143 mi<sup>2</sup>

**Period of Record:** August 2000 to current year

**Spillway Capacity:**

Volume, in acre-feet, Water Year October 2000 to September 2001

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			---									
2			---						---			
3			---									
4			---									
5			---									
6			---									
7			---									
8			---									
9			---									
10			---	---							---	
11	---		---								---	
12											---	
13				---							---	
14				---								
15				---								
16				---								
17												
18		---										
19		---										
20		---										
21		---	---									
22		---										
23		---										
24		---										
25		---			---							
26												
27								---				
28		---										
29		---			---							
30		---			---							
31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	1	0	0	0	0	0	1
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		0	MAX	1	MIN	0					

**NOTE: Tie-in to Corps of Engineers gaging equipment was set up in August 2000. FCD gage was in operation since January 8, 1998. All FCD data prior to August 2000 has been deleted because it is believed that the gage did not operate correctly during that period. See U.S. Army Corps of Engineers, Los Angeles District for official information at this gage site.**

See also Surface Water Streamflow and Pool Level data.

**Flood Control District of Maricopa County ALERT System**  
**Computation of Continuous Records of Storage Volumes**

**Station Number:** 6812      **Name:** Buckeye FRS #3 Cap  
**Drainage Area:** 9.3 mi<sup>2</sup>  
**Period of Record:** November 23, 1992 to current year  
**Spillway Capacity:** 1,286 acre-feet  
*Volume, in acre-feet, Water Year October 2000 to September 2001*

*No recorded impoundments during Water Year 2001*

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		0	MAX	0	MIN	0					

**See also Surface Water Streamflow and Pool Level data.**

## Flood Control District of Maricopa County ALERT System

### Computation of Continuous Records of Storage Volumes

**Station Number:** 6822      **Name:** White Tanks #4 Cap  
**Drainage Area:** 18.6 mi<sup>2</sup> (from White Tanks ADMS)  
**Period of Record:** November 1987 to current year  
**Spillway Capacity:** 1,243 acre-feet  
*Volume, in acre feet, Water Year 2001 --- October 2000 to September 2001*

***No recorded impoundments during Water Year 2001***

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		0	MAX	0	MIN	0					

**See also Surface Water Streamflow and Pool Level data.**

# Flood Control District of Maricopa County ALERT System

## Computation of Continuous Records of Storage Volumes

**Station Number:** 7132      **Name:** Casandro Dam Cap  
**Drainage Area:** 1.3 mi<sup>2</sup>  
**Period of Record:** August 15, 1996 to current year  
**Spillway Capacity:** 143 acre-feet  
*Volume, in acre feet, Water Year 2001 --- October 2000 to September 2001*

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6										8		
7						1				2		
8										1		
9												
10												
11												
12												
13												
14												
15												
16												
17										10		
18												
19												
20												
21	2											
22	6											
23	1											
24												
25												
26												
27	12											
28	6											
29					---							
30					---							
31		---			---		---		---			---
MEAN	1	0	0	0	0	0	0	0	0	1	0	0
MAX	28	0	0	0	0	2	0	0	0	23	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2001	MEAN		0	MAX	28	MIN	0					

**See also Surface Water Streamflow and Pool Level data.**

***This page intentionally blank.***



Flood Control District of Maricopa County  
Flood Warning and Data Collection Branch  
2801 W. Durango Street  
Phoenix, Arizona 85009



Flood Control District of Maricopa County  
Flood Warning and Data Collection Branch  
2801 W. Durango Street  
Phoenix, Arizona 85009